

# Computer Users Catalog

Autumn 1981



## Magnetic Media



## Operating Supplies



## Cables and Connectors



## Furniture and Accessories



## Software and Documentation



## Add-On Hardware



### DIRECT PHONE ORDERS

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in California: 408-738-4133

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**[www.hpmuseum.net](http://www.hpmuseum.net)**

**For research and education purposes only.**

# You Expect Excellent Performance From Hewlett-Packard Computers. HP Media and Operating Supplies Help You Get It!

Your HP computer system has been carefully engineered for excellent performance and dependable service. To help you get full value from your HP system, we offer HP magnetic media and operating supplies specifically tested and matched to your HP computer and its peripherals.

Supplies such as thermal papers, for example, can have a major effect on the life and reliability intended for HP

thermal printers. That is, wear rates on thermal printer heads relate directly to contact abrasion with the paper which is used — and smooth-surfaced HP thermal papers are tested and matched to each type of printer head for longer life.

Another example is the even more critical interrelationship which exists between rigid disc media and HP's high-performance disc drives. Using the proper HP disc pack is therefore

necessary for all provisions of your warranty and/or maintenance agreement to remain in effect.

Key point? We want you to be satisfied with your HP computer system. When you use HP tested (often, HP-manufactured) media and supplies, we are confident of that satisfaction.



This symbol identifies **NEW** products in this catalog. Be sure to see HP's new premium-quality mag tape (page 6), and the many new work station and other furniture items (page 27). Also see some of HP's newest terminals and printers (page 48) which can now be ordered by phone.



## Phone Your Order Directly To Us . . .

All items in this catalog can be ordered directly from our distribution center. It's fast and you get instant confirmation of availability, price and shipment. Phone us 9 A.M. to 5 P.M., your time (Eastern, Central, Mountain or Pacific zones). Open-account P.O.'s or credit cards.

**Call: 800-538-8787 toll free. In California, Alaska, Hawaii: (408) 738-4133 collect.**



If you prefer, mail your order to us (Mail Order Form at back of catalog), using your credit card or check, for U.S. orders only. No minimum order size, and we pay freight on most items.

**COMPLETE ORDERING INFORMATION INSIDE BACK COVER**



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## Magnetic Media



### Supply Recommendations for System Startup

You'll want to put your new HP computer system to work just as soon as it is delivered and installed. May we suggest you place your initial HP supplies order at the same time you order your new system — so you will have what you need on hand for a smooth and fast startup.

### Magnetic Media

The table below lists kinds and quantities of additional media we recommend you have available when you start up your new system. Quantities are for average requirements. If your application includes such things as private volumes, etc., be sure to order additional quantities and take advantage of HP quantity discounts. HP Media details appear on catalog pages 2-8.

### Printer/Plotter Supplies

Don't forget supplies for your printers and plotters. See beginning page 10 for impact printer ribbons, printwheels, and

### Additional Media Recommended For System Startup.

SYSTEM	FLEX DISC DRIVE		SYSTEM CONSOLE	SYSTEM DISC DRIVE			TAPE DRIVE	
			(If 264X)	If 7906H/M:	If 7920M:	If 7925M:	7970E:	7976A:
85	If 5¼" Opt. 10 flex discs (box 92190A)	If 8" Opt. 10 flex discs (box 92195A)						
125	If 5¼" Opt. 10 flex discs (box 92190A)	If 8" Opt. 10 flex discs (box 92195A)						
250	10 flex discs (box 92195A)	or 10 formatted (box 92195F)		1 cartridge (12940A)				
1000-L/5	10-20 flex discs (1-2 boxes 92195A)							
1000-L/9	10-20 flex discs (1-2 boxes 92195A)		10 mini-cartridges (2 boxes 98200A)					
1000-L/10	10-20 flex discs (1-2 boxes 92195A)		10 mini-cartridges (2 boxes 98200A)	1 cartridge (12940A)				
1000/20	If Opt. 032: 10 flex discs (box 9164-0105)		10 mini-cartridges (2 boxes 98200A)					
1000/25	If Opt. 032: 10 flex discs (box 9164-0105)		10 mini-cartridges (2 boxes 98200A)					
1000/40			10 mini-cartridges (2 boxes 98200A)	1 cartridge (12940A)	1 pack (13394A)	1 pack (13356A)		
1000/45			10 mini-cartridges (2 boxes 98200A)	1 cartridge (12940A)	1 pack (13394A)	1 pack (13356A)		
3000/III			10 mini-cartridges (2 boxes 98200A)		1 pack (13394A)	1 pack (13356A)	10 reels 2400' (1 box 92150F)	10 reels 2400' (1 box 92150P)
3000/30	10 flex discs (box 92195A)		10 mini-cartridges (2 boxes 98200A)	1 cartridge (12940A)	1 pack (13394A)	1 pack (13356A)	10 reels 2400' (1 box 92150F)	10 reels 2400' (1 box 92150P)
3000/33	10 flex discs (box 92195A)		10 mini-cartridges (2 boxes 98200A)	1 cartridge (12940A)	1 pack (13394A)	1 pack (13356A)	10 reels 2400' (1 box 92150F)	10 reels 2400' (1 box 92150P)
3000/44	10 flex discs (box 92195A)		10 mini-cartridges (2 boxes 98200A)	1 cartridge (12940A)	1 pack (13356A)	1 pack (13356A)	10 reels 2400' (1 box 92150F)	10 reels 2400' (1 box 92150P)

paper; beginning page 14 for plotter pens, paper and supplies and beginning page 17 for desktop computer and thermal printer supplies. All required supplies for HP's new 2680A Laser Page Printer are available on page 13.

## ??Compatible Media??

There are very few, if any, companies in the world who have as high a rating for quality products as Hewlett-Packard. In developing high quality mass storage products, HP engineers spend many person-months just in designing and selecting the optimum (not just "compatible") media for its drives. Many vendors offer media "compatible" with some of HP's tape or disc drives; however, media from HP has been designed, produced and/or selected based on its superior performance characteristics on HP drives:

- minimum media wear
- minimum read/write head wear
- high data integrity

Tests by HP engineers on HP drives show significant differences between media in wear and data integrity characteristics. Only the media meeting very high performance specifications are approved for customer shipments; therefore, providing HP customers protection against the costs of service calls or lost data resulting from inferior media. HP's mass storage products, including HP media, treat your data with the respect it deserves so HP can maintain the high quality ratings we have worked hard to achieve.

## About HP Rigid Disc Media

Hewlett-Packard designs and manufactures disc drives offering exceptional performance and reliability over a wide range of environments. Using proper disc media is essential for the successful and optimum operation of these drives.

Every HP rigid disc pack and cartridge is 100% tested and certified for use on HP drives (see story on how HP makes and tests disc packs). This includes dynamic testing to dramatically increase reliability, by reducing surface imperfections or imbalances. It also includes exhaustive testing of electromagnetic data transfer under "worst case" conditions. This ensures optimum media error performance, as well as interchangeability of disc packs and cartridges between similar model disc drives.



1. HP 7906A Disc Drive; 2. HP 7970 Series Tape Drives; 3. HP 7920/25 Series Disc Drives

Because of the unique interdependence of total disc performance and the head/media interface, disc drive specifications and reliability can only be assured when using HP media products.

Two more reasons to use HP rigid discs:

1. They are formatted and ready for immediate use on their respective drives; saving up to 30 minutes per disc pack.
2. HP rigid discs are guaranteed to have available space on every surface.

Undesirable alteration of the media surface environment can result from improper cleaning. The cleaning of HP media products is, therefore, *not* recommended.

Any damage sustained to the heads or media, or any consequential damage resulting from the use of non-HP media or improperly cleaned media will not be covered under warranty or service contract.

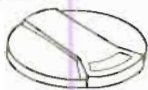
# Magnetic Media

## Rigid Discs

### Rigid Disc Cartridge, 2.5 Mb

**12869A** Formatted Disc Cartridge. Front loading. For *HP 7900A, 7901A, 9880B, 12960A, 12961A, 30110A* Disc Drives and Subsystems.

QUANTITY (1-3 units)..... \$130.00 ea  
DISCOUNTS (4-41) ..... 115.00 ea  
(42+) ..... 105.00 ea



### Rigid Disc Cartridge, 9.8 Mb

**12940A** Formatted Disc Cartridge. Front loading. For *HP 7905A, 7906H/M/S, 12962C/D, 13180A/B* Disc Drives and Subsystems.

QUANTITY (1-3 units)..... \$190.00 ea  
DISCOUNTS (4-41) ..... 175.00 ea  
(42+) ..... 165.00 ea



**92206D** Rigid Disc Rack. Keep your cartridges right where you want them. Our mobile 9-disc capacity storage rack makes organization and retrieval of invaluable data and programs easy. This superior quality rack features heavy gauge steel wire with nickel-chrome plating. Rubber non-skid feet protect your furniture.

QUANTITY (1-2 units)..... \$25.00 ea  
DISCOUNT (3+) ..... 19.00 ea

### Rigid Disc Pack, 50 Mb

**13394A** Formatted Disc Pack. For *HP 7920H/M/S* Disc Drives.

QUANTITY (1-5 packs)..... \$550.00 ea  
DISCOUNTS (6-19) ..... 510.00 ea  
(20+) ..... 475.00 ea



### Rigid Disc Pack, 120 Mb

**13356A** Formatted Disc Pack. For *HP 7925H/M/S* Disc Drives.

QUANTITY (1-5 packs)..... \$895.00 ea  
DISCOUNTS (6-19) ..... 850.00 ea  
(20+) ..... 815.00 ea



### Disc Pack/Cartridge Transporter

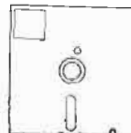
See 92173D, page 33.

## Flexible Discs

### Flexible Discs, 1.2 Mb

**92195A** Box of 10 Double-Sided Flexible Discs (unformatted) in protective envelopes. Includes write-protect, jacket and storage box labels. For use with *HP 250, 300, 3000/30, 3000/33* Systems and *HP 9895A* Disc Drives.

QUANTITY (1 box of 10) ... \$105.00 box  
DISCOUNTS (2-4) ..... 95.00 box  
(5-19) ..... 84.00 box  
(20+) ..... 74.00 box



**92195F** HP 250 Formatted Double-Sided Flexible Discs, 1.2 Mb. Box of 10. Already initialized for use on your HP 250 system. Can save approximately 10 minutes of initializing time per disc. Use only on *HP 250* systems.

QUANTITY (1 box of 10) ... \$130.00 box  
DISCOUNTS (2-4) ..... 120.00 box  
(5-19) ..... 110.00 box  
(20+) ..... 100.00 box



### Flexible Discs, 0.5 Mb

**9164-0105** Box of 10 Single-Sided Flexible Discs (unformatted) in protective envelopes. Includes write-protect, jacket and storage box labels. For *HP 1000* models 20 & 25 (2174A/B & 2175A/B), *9896A* Systems; *12732A & 12733A* Subsystems; *9885M/S* Disc Drive.

QUANTITY (1-2 boxes) ..... \$89.00 box  
DISCOUNTS (3-9) ..... 68.00 box  
(10+) ..... 63.00 box



**09885-90045** One Initialized Single-Sided Flexible Disc. Required for *9885M/S* Drives used with *9825A/S* Desktop Computers, before the *9164-0105* unformatted discs can be used.

Price ..... \$21.00 ea

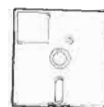
**09885-90060** One Initialized Single-Sided Flexible Disc. Required for *9885M/S* Drives used with *9831A* Desktop Computers, before the *9164-0105* unformatted discs can be used.

Price ..... \$21.00 ea

### Flexible Discs, .25 Mb

**92190A** Box of 10 5.25 in. Double Sided Flexible Discs (unformatted) in protective envelopes. Includes write-protect, jacket and storage box labels. For use with *HP 82900* series Disc Drives, the *HP 2642A* Display Terminal and the *HP 9826* Desktop Computer.

QUANTITY (1 box of 10) ... \$74.00 box  
DISCOUNTS (2-4) ..... 66.00 box  
(5-19) ..... 59.00 box  
(20+) ..... 51.00 box



### Desktop File for Flexible Discs

Designed to provide protection, organization and easy retrieval of invaluable data and programs. This attractive, durable, smoke-colored acrylic file holds up to 60 discs. Aiding the organization and retrieval of discs are five index dividers with adjustable tabs.

**92194A** Desktop File for 5.25 in. Flexible Discs.

QUANTITY (1 unit) ..... \$38.00 ea  
DISCOUNTS (2-4) ..... 35.00 ea  
(5+) ..... 32.00 ea

**92194B** Desktop File for 8 in. Flexible Discs.

QUANTITY (1 unit) ..... \$45.00 ea  
DISCOUNTS (2-4) ..... 42.00 ea  
(5+) ..... 39.00 ea



### Portable Album File for Flexible Discs

Fragile diskettes will be protected, organized and easily accessed because of several unique features of this filing system. Crimped pockets cushion each disc, preventing wrinkles or bends. The floating axle design eliminates additional stress if the binder is dropped or closed. Discs are kept secure with a snap lock-vinyl cover. Easy and fast access and re-filing are aided by color coded index stripes for each pocket. File organization is further enhanced with an index on the spine of the album for listing discs. Capacity — 20 discs.

**92194G** Portable Album File for 5.25 in. Discs.

QUANTITY (1 unit) ..... \$42.00 ea  
 DISCOUNTS (2-4) ..... 39.00 ea  
 (5+) ..... 36.00 ea

**92194H** Portable Album File for 8 in. Discs.

QUANTITY (1 unit) ..... \$54.00 ea  
 DISCOUNTS (2-4) ..... 50.00 ea  
 (5+) ..... 47.00 ea

### Binder Storage For Flexible Discs.

3-Hole, 1½" Easel Binder Kit with 20 pebbled, static-resistant vinyl pages for safe, convenient and economical filing of flexible discs with supporting documentation. File cards are included to help identify each disc. The easel binder provides efficient access and replacement of the discs at the user's work station.

**92194J** Easel Binder Kit for 5.25 in. Discs. Capacity 40 Discs.

**92194K** Easel Binder Kit for 8 in. Discs. Capacity 40 Discs.

QUANTITY (1 kit) ..... \$32.00 kit  
 DISCOUNTS (2-4) ..... 28.00 kit  
 (5+) ..... 25.00 kit



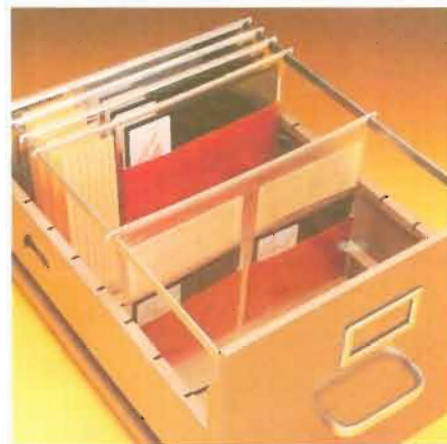
### 3-Ring Binder Pages for Flexible Discs.

A package of 20 pebbled, static-resistant vinyl pages for filing flexible discs. File cards are included to help identify each disc.

**92194L** Package of 20 Pages for 5.25 in. Discs. Capacity 40 Discs.

**92194M** Package of 20 Pages for 8 in. Discs. Capacity 40 Discs.

QUANTITY (1 pkg. of  
 DISCOUNTS 20 pages) ..... \$25.00 pkg.  
 (2-4) ..... 22.00 pkg.  
 (5+) ..... 20.00 pkg.



### Hanging File Pages For Flexible Discs.

Protect and organize your valuable discs by filing them on any 311mm (12.25 in.) wide suspension frame. These heavy-duty pages are made of pebbled, static-resistant vinyl. File cards are included to help identify each disc.

**92194P** Package of 20 Hanging File Pages for 5.25 in. Flexible Discs. Capacity 40 Discs.

**92194Q** Package of 20 Hanging File Pages for 8 in. Flexible Discs. Capacity 20 Discs.

QUANTITY (1 pkg. of  
 DISCOUNTS 20 pages) ..... \$25.00 pkg  
 (2-4) ..... 22.00 pkg  
 (5+) ..... 20.00 pkg



### Attache Carrying Case For Flexible Discs.

Convenient traveling storage for up to 75 discs and 1½ in. of printed materials (8½ x 16 in.). The heavy gauge vinyl coated board, quality construction and deluxe locks and handle ensure protection and security for your valuable data and software.

**92194T** Attache Carrying Case for 5.25 in. Flexible Discs.

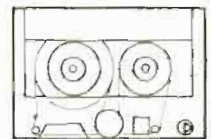
**92194U** Attache Carrying Case for 8 in. Flexible Discs.

QUANTITY (1-2) ..... \$59.00 ea  
 DISCOUNT (3+) ..... 53.00 ea

## Tape Cartridges

### High Density Data Cartridge

These formatted data cartridges are used for backup with the HP 7908 disc drive. Secondary uses are as a data exchange medium among HP systems, Personal I/O (software distribution), and data/transaction logging. Preformatted into 1K user data blocks.



**88140L** Box of five 600 ft. Cartridges (67Mb), each with own protective plastic box.

QUANTITY (1 box of 5) ..... \$165.00 box  
 DISCOUNTS (2-4) ..... 155.00 box  
 (5-19) ..... 142.00 box  
 (20+) ..... 135.00 box

**88140S** Box of five 150 ft. Cartridges (16Mb), each with own protective plastic box.

QUANTITY (1 box of 5) ..... \$125.00 box  
 DISCOUNTS (2-4) ..... 115.00 box  
 (5-19) ..... 105.00 box  
 (20+) ..... 100.00 box



# Magnetic Media

## Mini Data Cartridges

### 98200A Box of 5

Minicartridges, each with own protective plastic box.



These rugged HP-manufactured storage devices are each 100% tested mechanically (for proper tape tension and drive force requirements) and electromagnetically (for error-free data recording). Metal backplate construction helps ensure accurate alignment of tape guides and other internal parts, while providing a grounding surface to protect the minicartridge from effects of static electricity.

Used with *HP series-1000 and 3000 Computer Systems; HP 264X-series Display Terminals; HP 85A, 9815A/S, 9825A/S, 9831A, 9835A/B (System 35) and 9845A/B/C/S/T (System 45) Desktop computers; HP 9915A option 001 Modular Computer, 9875A, 9877A Tape Units.* Also non-HP products where reliable, high-performance minicartridges are desired. For larger quantity discounts, contact us.

QUANTITY (1 box of 5) . . . . . \$95.00 box  
 DISCOUNTS (2-4) . . . . . 85.00 box  
 (5-19) . . . . . 76.00 box  
 (20+) . . . . . 66.00 box

## Minicartridge Storage

### 92206A Mini Data Cartridge Rack.

**Mobile and Stackable!** Chrome-finished steel racks are designed for fingertip accessibility of up to 16 mini cartridges or digital cassettes. Racks are stackable for space saving convenience. Buy 3 and save.

QUANTITY (1-2 units) . . . . . \$25.00 ea  
 DISCOUNT (3+) . . . . . 19.00 ea



**92167M Storage Binder** holds 6 minicartridges inside front cover. The minicartridges are held secure in the molded storage compartments while in their protective plastic boxes. 1 or 2 molded binder inserts can be placed in this binder increasing the storage capacity to 12-18 mini cartridges (see 92167N).

Documentation pertinent to the data and programs recorded on the cartridges can be organized in the standard 2 in. 3-ring mechanism and in a vinyl pocket inside back cover. Protection for the 3-hole documentation is provided by two sturdy page protectors. The outside of the binder is finished in padded bone-colored vinyl.

QUANTITY (1 binder) . . . . . \$20.00 ea  
 DISCOUNTS (2-4) . . . . . 18.00 ea  
 (5+) . . . . . 16.00 ea

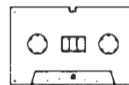


**92167N Molded Binder Insert.** Package of 3 inserts. Each insert holds 6 minicartridges (while in their plastic boxes) and can be held by the sturdy brass-ringed eyelets in a 3-ring binder (sizes 1/2 in. and up). The molded storage compartments are the same quality design and construction as used in the 92167M storage binder. These inserts provide an excellent technique for consolidating programs and data on minicartridges with supporting documentation in standard 3-ring binders. 1-2 inserts can be added to the storage binders increasing the storage capacity to 12-18 (see 92167M).

QUANTITY (1-3 pk) . . . . . \$20.00 pk  
 DISCOUNTS (2-4) . . . . . 18.00 pk  
 (5+) . . . . . 16.00 pk

## Digital Tape Cassettes

**9162-0050 Individual Digital Cassette.** With HP label and index card, and sealed in a plastic storage box. Used with *HP 9821A Calculator, 9830A/B Desktop Computer, 9865A*



*Cassette Memory; also non-HP products requiring high-quality digital cassettes.*

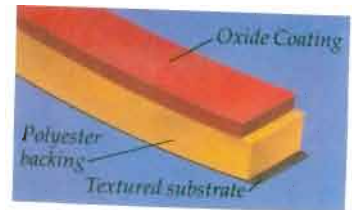
QUALITY (1-9) . . . . . \$11.00 ea  
 DISCOUNTS (10-99) . . . . . 8.90 ea  
 (100+) . . . . . 7.90 ea

**9162-0053 Unlabeled Individual Digital Cassette.** Identical to HP 9162-0050, but without HP label. For OEM and other customers who record their own software and prefer to apply their own labels. (Prices same as 9162-0050.)

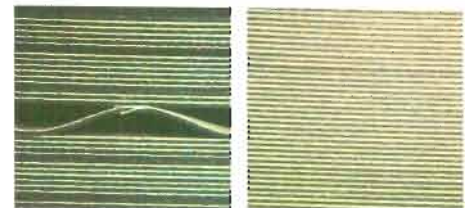
## Magnetic Tape

### Blank Magnetic Tape

New From HP; 1/2" computer tape with an extra layer for extra protection of your valuable data. HP tape has a textured substrate



(backside coating) which helps protect your data by protecting itself in day-to-day storage and operational use. The backside coating allows air lubrication between tape layers, enabling uniform sliding and the reduction of cinching, thus less lateral tape movement and fewer worn or damaged edges that result in lost data.



*HP tape reduces cinching, resulting in fewer damaged tape edges and helping to avoid lost data.*

The exposed polyester backside on conventional tapes is a major cause of debris that can create dropouts and attendant information loss. HP's new tape with its textured substrate backing resists scratching and the generation of debris. At the same time HP tape resists static attraction of airborne particles.



*HP tape resists scratching, minimizing dropout-causing debris.*

**New HP back-coated tape means:**

- Less**
- edge damage
  - foreign contaminants
  - distortion
- Better**
- data integrity
  - protection of your information

Certified to 6250 BPI. Use on all HP 7970 and 7976 Tape Units and HP tape subsystems using 1/2 in. (12.7mm) wide tape.

**NEW 92150D** Box of Ten 600 ft. (183m) Tapes on reels, in seals  
(Supersedes 92150A)  
**QUANTITY** (1 box of 10) ... \$140.00 box  
**DISCOUNTS** (2-5) ... 130.00 box  
 (6+) ... 120.00 box

**NEW 92150E** Box of Ten 1200 ft. (366m) Tapes on reels, in seals  
(Supersedes 92150B)  
**QUANTITY** (1 box of 10) ... \$180.00 box  
**DISCOUNTS** (2-5) ... 170.00 box  
 (6+) ... 160.00 box

**NEW 92150F** Box of Ten 2400 ft. (732m) Tapes on reels, in seals  
(Supersedes 92150C)  
**QUANTITY** (1 box of 10) ... \$240.00 box  
**DISCOUNTS** (2-5) ... 225.00 box  
 (6+) ... 210.00 box

**NEW 92150P** Box of Ten 2400 ft. (732m) Tapes on reels, in Easy Load II Cartridges.  
**QUANTITY** (1 box of 10) ... \$250.00 box  
**DISCOUNTS** (2-5) ... 235.00 box  
 (6+) ... 220.00 box

**Magnetic Tape Accessories**

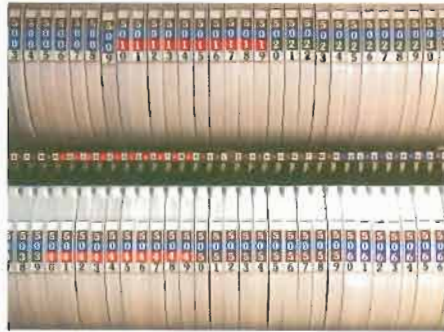
**NEW 92150Q** Box of Ten empty Easy Load II Self-threading Cartridges. To be used on 2400' tapes (10 1/2" reels) when using the auto-load feature on HP 7976 tape drives.  
**QUANTITY** (1 box of 10) ... \$45.00 box  
**DISCOUNTS** (2-5) ... 42.00 box  
 (6+) ... 39.00 box

**Mag Tape Storage Cabinet**

See 92172D, page 32.

**Mag Tape Transporter**

See 92173F, page 33.



**NEW 92150L** Mag Tape Color/Numbering Kit. Prevent Misfiling! Our simple color-coded numbering system will help you eliminate misfiles in your magnetic tape library. 1000 Labels (0-999).  
 • Designed with pressure sensitive labels, which are inserted into label area of Tape-in-Seal cartridges.  
 • Each label is provided with location tab which can be used on library tape racks or cabinets to quickly identify filing spot.  
**Price** ... \$95.00 kit

**NEW 92150R** Tape Crimper. Hand-operated carbon steel cutter which forms and cuts the end of 1/2" mylar computer tape for positive loading on HP 7976 auto loading tape drives.  
**QUANTITY** (1-2) ... \$75.00 ea  
**DISCOUNT** (3+) ... 69.00 ea



**NEW 92150T** Transport/Carrying Case For 2400' Magnetic Tapes. Holds up to six (6) reels in either tape seals or Easy Load Cartridges. This case combines durable polyethylene and quality construction on the outside with shock-absorbing foam on the inside, insuring reliable protection when carrying or shipping your valuable data and software. Built-in hasp for your personal padlock.  
**QUANTITY** (1-2 cases) ... \$65.00 ea  
**DISCOUNT** (3+) ... 59.00 ea



**NEW 92206T** Magnetic Tape Rack. Organization means time savings! Our mobile 15 reel capacity storage rack will help you and your people stay organized. Chrome-finished steel rack designed for use with 600', 1200', or 2400' tapes in seals. Order today and transform your desk or shelf into an organized data library. Buy 3 and save.  
**QUANTITY** (1-2 units) ... \$25.00 ea  
**DISCOUNT** (3+) ... 19.00 ea

**Magnetic Alignment Tape**

9162-0027 Head Alignment Tape. Has tracks, recorded at 800 BPI, precisely located on its 600 ft. (183 m) length. Used during testing or adjustment of 7- and 9-track head alignment on 1/2 in. (12.7 mm) tape units. In protective canister.  
**Price** ... \$235.00 ea

**Magnetic Tape Head Cleaning Supplies**

Although HP does not recommend the cleaning of rigid or flexible disc media we do recommend the periodic cleaning of tape heads, capstans and guides on tape units and those products using high-density data cartridges and mini data cartridges. Such cleaning prolongs tape head life, and it helps reduce read write errors due to dust and oxide build-up.

**8500-1251** Magnetic Head Cleaner Solution. Container of 4 fluid ounces; use with swabs listed below.  
**Price** ... \$5.10 ea

**9300-0468** Box of 50 Lint-Free Swabs. Soft urethane foam tips on long wooden shafts. Use 9300-0767 for cleaning the high-density data cartridge.  
**Price** ... \$13.00 box

**NEW 9300-0767** Package of 50 Lint-Free Swabs with Plastic Handles. Recommended for use in cleaning tape head and capstan in HP7908 tape transport. Use with 8500-1251 magnetic head cleaner.  
**Price** ... \$32.00 box

**MEDIA SUPPLIES**  
 800-538-8787 TOLL FREE  
 CALIF. (408) 738-4133 COLLECT  
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## Magnetic Media

### How We Make and Test Quality HP Disc Packs

First, we visually inspect each raw disc platter for obvious imperfections and for cleanliness. Then we use this mechanical analyzer (Photo 1) to test for disc flatness and surface roughness.



Individual discs are next evaluated for their magnetic properties. This analyzer (Photo 2) writes and reads analog signals over both top and bottom disc surfaces, as a measure of oxide coating quality.

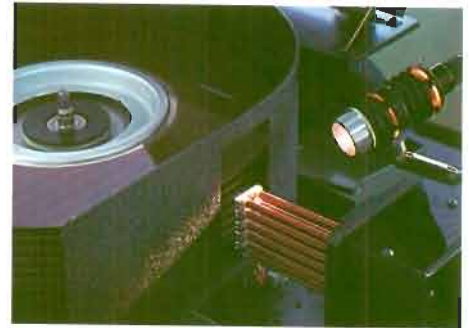


Discs surviving the initial mechanical and magnetic tests are assembled into multi-disc packs (Photo 3). Each assembled pack is dynamically balanced, to "tune" it for vibration-free rotation (a technique very similar to dynamic balancing of automobile wheels).



Next, discs are again mechanically analyzed for flatness and surface characteristics, but this time as components of an assembled and balanced pack. This checks for mechanical distortions which may have been introduced during the assembly process.

Specially hardened heads (Photo 4) are flown against the rotating disc surfaces, to burnish off any stray particles. And all surfaces are magnetically purified (degaussed) to remove residual signals — thereby improving the pack's data transfer efficiency.



Permanent servo code bands are written (recorded) onto one disc in the pack (Photo 5). Your HP disc drive uses these servo bands to precisely position its read/write heads over specific disc pack data tracks.



The ultimate test for an HP disc pack is its performance in your HP drive — or in any of the thousands of like-model HP drives in use, worldwide. So, using drives which are operationally similar to yours, we fully test every disc pack under "worst-case" conditions. A worst-case data pattern is written on track center, and then it is read back with heads deliberately positioned off track center.

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**FOR QUALITY MEDIA**

# Operating Supplies

## Desktop/Personal Computer Software

See page 35.

## Desktop Computer Tables

See page 27.

## HP-IB (IEEE-48) Cables

See page 23.

### HP 80 Series

#### HP Series 80 Personal Computers

**82931A** Box of 2 Rolls

Thermal Paper, Blue Print.

QUANTITY (1-4 boxes) . . . . \$30.00 box

DISCOUNT (5+) . . . . . 25.00 box

**82954A** Box of 2 Rolls Thermal Paper, Black Print.

QUANTITY (1-4 boxes) . . . . \$30.00 box

DISCOUNT (5+) . . . . . 25.00 box

**82932A** Tape Cartridge, Flexible Disc, & Documentation Binder.

Price . . . . . \$10.00 ea



HP 85 Personal Computer.



**82933A** HP-83/85 Carrying Case. This soft-vinyl carrying case is designed with form padding to protect your HP-83/85. Price . . . . . \$120.00 ea

**13269A** HP-83/85 Shoulder-Strap Carrying Case. This soft-vinyl case is perfect for safely transporting your HP-83/85 across town or around the world. The soft shoulder-strap makes transporting easy.

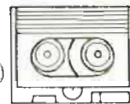
Price . . . . . \$95.00 ea



**82935A** Three-Ring System Literature Binder. Price . . . . . \$10.00 ea

**82948A** HP-83/85 Dust Cover. Designed of durable dark tan cloth to protect your desktop computer. Price . . . . . \$15.00 ea

Mini Data Cartridges (98200A; listed under 9825A/S Desktop Computers)



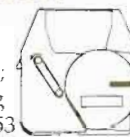
**82905A** Printer. See Page 17.

### HP 2600 Series

#### 2601A Daisywheel Printer

**92151A** Box of 6 Multistrike Cartridges. Reel-to-reel ribbon cartridges; 235,000 characters depending on application. Use with 92153 Series metal print wheels for high quality word processing results. Black print.

QUANTITY (1 box) . . . . . \$44.00 box  
DISCOUNTS (2-6) . . . . . 39.00 box  
(7+) . . . . . 37.00 box

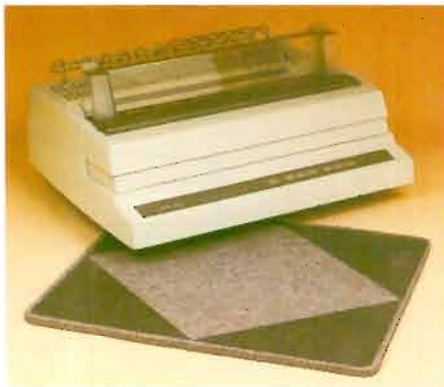


**92151B** Box of 6 Fabric Ribbon Cartridges. Continuous cycle feed ribbon cartridges; 1 million characters. Use with 92152 Series plastic print wheels for normal data printing applications. Black print. Same prices and quantity discounts as 92151A.



Print Wheels. The HP 2601A offers complete interchangeability between metal and plastic daisy print wheels. Plastic print wheels are economical and produce good print quality for normal usage. The metalized print wheels have a metal coating that increases their durability and when used with the 92151A ribbons, produce excellent print quality for word processing or other applications requiring a high quality print image. The pitch or characters per inch is usually identified in the print wheel title, i.e. a 10 represents a 10-pitch and 12 is 12-pitch. The courier 72 is an exception; it is 10-pitch. A PS indicates a proportionally spaced wheel. This allows the printing system to adjust character spacing so that the size and density of each character is balanced with surrounding empty space.





**NEW** **92177A** Sound Absorbing Pad. Help quiet your 2601A or other printers with HP's new sound pad. The main body is made of high quality felt treated with a stiffening agent which allows continuous lateral motion without fiber breakdown. The non-skid rubber bottom holds the pad firmly on your stand or desk, thus preventing "printer creep". The top corners are impregnated with a layer of latex to hold your printer firmly on the pad. Size is 18 x 22 in. (457 x 559 mm). Order several and save.

QUANTITY (1 pad) ..... \$30.00 ea  
 DISCOUNTS (2-4) ..... 24.00 ea  
 (5+) ..... 20.00 ea



**NEW** **92177E** Sound Enclosure. Here is the best way to reduce unwanted noise in your office or work area. This sound enclosure is specifically designed for the HP 2601A Printer. The construction of the cabinet allows outside access to the platen knob and front control panel of the printer. A slot in the rear panel allows use of continuous forms. The top is an easy-to-open acrylic shield which holds in any position.

A whisper quiet fan with on-off switch keeps your printer running cool. An electrical plug on the rear of the enclosure is an added safety feature. It allows you to plug in your printer and turn it on or off by using the fan switch. This helps ensure that the fan will be on when the printer is operating, preventing heat build up in the enclosure. The enclosure is shipped assembled and ready to install. Color is gray sides, dark gray top and back. Size is 25 5/8" W x 22 1/2" D x 14 1/2" H in. (653 x 572 x 368 mm). Electrical requirement 110 VAC, 60 Hz. NOTE: Shipped by truck.

Price ..... \$440.00 ea  
**NEW** **92177F** Sound Enclosure. This enclosure is equipped with a 220VAC cooling fan, heavy duty line cord and a CEDEC (See page 24, CEL7-VII) standard plug for European use. Other specifications are the same as 92177E.  
 Price ..... \$450.00 ea

### 2607A Dot Matrix Line Printer

Following supplies are also used with HP 9881A Printer; 12980A, 12987A, 30118A Subsystems.

Paper Widths Accepted: 4.0 in. (100 mm) minimum; 14.8 in. (377 mm) maximum.

**9282-0531** Individual Nylon Ribbon (minimum order 6). Black.

QUANTITY (6-23 ribbons) ..... \$8.40 ea  
 DISCOUNT (24+) ..... 5.90 ea

**02607-80024** Individual Pre-Punched VFU Tape. 66 lines per page.  
 Price ..... \$4.10 ea

**02607-80015** Roll of 8-Channel Blank VFU Tape. 20 ft. (6.1m) long.  
 Price ..... \$4.80 ea

**02607-60230** VFU Tape Kit. Roll of blank tape, plus 20 splices.

Price ..... \$13.00 ea

### 2608A Dot Matrix Printer

Paper Widths Accepted: 5.0 in. (130 mm) minimum; 16.1 in. (385 mm) maximum.

**92158A** Box of 3 Ribbon Cartridges. HP-designed mobius loop construction; long ribbon life averaging 30 million characters. Black.

QUANTITY (1-2 boxes) ..... \$75.00 box  
 DISCOUNTS (3-7) ..... 67.50 box  
 (8+) ..... 60.00 box

**92158M** Box of 3 Ribbon Cartridges for Optical Mark



Recognition Applications. For use on HP 2608A Printer only. Black print, 3 million characters. Same price and quantity discounts as 92158A above.

**02608-60091** Package of Layout Forms. Total 250 sheets on 5 pads.  
 Price ..... \$16.00 pkg

**02608-60092** Package of 10 Alignment Guides (printers with chrome tractors).  
 Price ..... \$26.00 pkg

**92159A** Package of 10 Alignment Guides (printers with black tractors).  
 Price ..... \$25.00 pkg

**NEW** **26004A** Sound Cover Kit. Designed to quiet your 2608A Printer. Included in the cover is a built-in static eliminator which reduces paper static buildup and aids in proper paper stacking.



Price ..... 240.00 ea

### 2613A Line Printer

Following supplies also used with HP 12975A, 12982A, 30127A Subsystems.

Paper Widths Accepted: 4.9 in. (124 mm) minimum; 16.7 in. (426 mm) maximum.

**9282-0545** Individual Nylon Ribbon, on 2 rolls. Prints blue/black. Also used with HP 2617A Printer.

QUANTITY (1-3 ribbons) ..... \$47.00 ea  
 DISCOUNT (4+) ..... 33.00 ea

Individual Pre-Punched VFU Tape. Also used with HP 2617A, 2618A and 2619A Printers.

**02613-80001** (66 lines/page) ..... \$8.40 ea  
**02618-80003** (88 lines/page) ..... \$8.40 ea

### 2617A Line Printer

Following supplies also used with HP 13053A and 30133A Subsystems.

Paper Widths Accepted: 4.0 in. (100 mm) minimum; 16.7 in. (426 mm) maximum.

Ribbon and VFU Tape: Same as for HP 2613A Printer.

**PRINTER SUPPLIES FAST**  
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# Operating Supplies

## 2618A Line Printer

Following supplies are used with HP 12983A and 30128A Subsystems.

Paper Widths Accepted: 4.0 in. (100 mm) minimum; 19.0 in. (495 mm) maximum.

**9282-0543 Individual Nylon Ribbon**, on 2 rolls. Prints Blue/Black.  
**QUANTITY** (1-3 ribbons) .... \$53.00 ea  
**DISCOUNT** (4+) ..... 37.00 ea  
**VFU Tape:** Same as for HP 2613A Printer.

## 2619A Line Printer

Paper Widths Accepted: 3.5 in. (89 mm) minimum; 19.5 in. (495 mm) maximum.

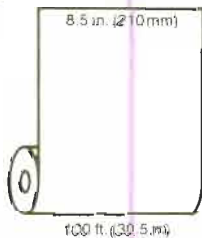
**1535-3914 Individual Nylon Ribbon**, on 2 rolls. For normal print applications. Prints blue/black.  
**Dimensions:** 14 in. x 15 yards x .005 in.  
**QUANTITY** (1-2 ribbons) ... \$39.00 ea  
**DISCOUNTS** (3-11) ..... 32.00 ea  
 (12+) ..... 26.00 ea

**92230A Individual Nylon Ribbon**, on 2 rolls. For high quality print applications. Prints Black.  
**Dimensions:** 14 in. x 18 yards x .004 in.  
**QUANTITY** (1-2 ribbons) ... \$50.00 ea  
**DISCOUNTS** (3-11) ..... 41.00 ea  
 (12+) ..... 36.00 ea

**VFU Tape:** Same as for HP 2613A Printer.  
**9300-0750 Package of 3 Vacuum Bags** (minimum order 5 packages). NOTE: locally-available regular Type G short bags (Hoover PN 43651-060) may be used.  
**Price** ..... \$4.00 pkg

## 262X Interactive Terminals

HP thermal papers for this terminal are especially manufactured to yield high-quality, fade-resistant hard copy at fast print speeds. In addition, they are smooth-surfaced to prevent excessive print head wear.



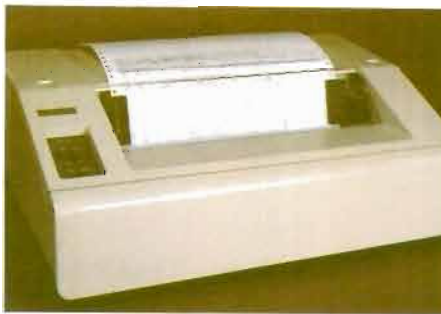
**PRINTER SUPPLIES FAST**  
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**92160A Box of 24 Rolls, Thermal Paper, Blue Print** (supersedes 9270-0638).  
**QUANTITY** (1-2 boxes) .... \$105.00 box  
**DISCOUNTS** (3-24) ..... 95.00 box  
 (25+) ..... 89.00 box

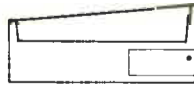
**92160B Box of 24 Rolls, Thermal Paper, Black Print** (supersedes 9270-0656).  
**QUANTITY** (1-2 boxes) .... \$120.00 box  
**DISCOUNTS** (3-24) ..... 110.00 box  
 (25+) ..... 105.00 box

**1420-0259 Battery** For 262X Terminals, 2675A Printing Terminal.  
**QUANTITY** (1-2 batteries) ... \$9.75 ea  
**DISCOUNTS** (3-9) ..... 8.50 ea  
 (10+) ..... 7.50 ea



**2631A/B Dot Matrix Printer**  
 Paper Widths Accepted: 2.2 in. (56 mm) minimum; 15.7 in. (400 mm) maximum.

**92155A Box of 3 Ribbon Cartridges.** HP-designed, each long-life cartridge averages 15 million characters. Prints Black.  
**QUANTITY** (1-2 boxes) .... \$63.00 box  
**DISCOUNTS** (3-7) ..... 54.00 box  
 (8+) ..... 47.00 box

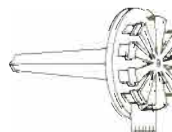


**2631G Graphics Printer**  
 Uses same supplies as HP 2631A/B Printer.

**92155B Box of 3 Ribbon Cartridges for Bar Code Printing Applications.** Used with HP 2631G Opt. 200 Graphics Printer only. Black print.  
**QUANTITY** (1-2 boxes) .... \$70.00 box  
**DISCOUNTS** (3-7) ..... 61.00 box  
 (8+) ..... 55.00 box

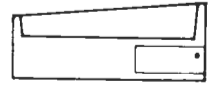


**92154G Print Head.** Replacement Print Head for 2631G, opt. 200. Also fits other 263X-series printers.  
**QUANTITY** (1-2 heads) .... \$185.00 ea  
**DISCOUNT** (3+) ..... 160.00 ea



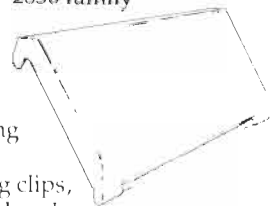
**2635A/B Printing Terminal**  
 Paper Widths Accepted: 2.2 in. (56 mm) minimum; 15.7 in. (400 mm) maximum. See page 22 for Impact Printer paper.

**92155A Box of 3 Ribbon Cartridges.** HP-designed, each long-life cartridge averages 15 million characters before replacement. Black.  
**QUANTITY** (1-2 boxes) .... \$63.00 box  
**DISCOUNTS** (3-7) ..... 54.00 box  
 (8+) ..... 47.00 box



**2639A Printing Terminal**  
 Uses same supplies as HP 2635A/B above.

**26090A Sound Cover.** Help quiet your HP 2630 family printers with this easily installed sound abatement cover. It will reduce printing noise up to 10 dB. Includes mounting clips, paper intake shield and instructions.  
**Price** ..... \$105.00 ea



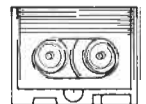
**Terminal Tables**  
 See page 29.

**Copy Holder**  
 See page 33.

**Terminal Cables**  
 See page 25.

**264X-series Display Terminals**  
 Following supplies are used with HP Models 2640 through 2649 CRT Display Terminals.

**92190A Flexible Discs** for HP 2642A. See page 4.  
**98200A Box of 5 minicartridges,** each with own protective plastic box. For HP terminals equipped with minicartridge drive.  
**QUANTITY** (1 box of 5) .... \$95.00 box  
**DISCOUNTS** (2-4) ..... 85.00 box  
 (5-19) ..... 76.00 box  
 (20-99) ..... 66.00 box



Your terminal's minicartridge drive should be kept clean, for continued reliable operation. See Head Cleaner and Swabs listed on page 7.

7120-5525 Individual Blank Key Overlay (minimum order 5). Label template fits around user-defined "soft" keys on terminal.



Price ..... \$1.50 ea

### Terminal Glass & Keyboard Cleaner

8500-0039 Inert, Anti-static Cleaning Fluid. In convenient 6-fluid ounce pump-spray container.

Price ..... \$7.50 ea

### 2671-Series Thermal Printers

The following thermal papers are for use with the HP 2671A, 2671G and 2673A Thermal Printers.

**92160A** Box of 24 Rolls Thermal Paper, Blue Print.

QUANTITY (1-2 boxes) ... \$105.00 box  
DISCOUNTS (3-23) ..... 95.00 box  
(24+) ..... 89.00 box

**92160B** Box of 24 Rolls Thermal Paper, Black Print.

QUANTITY (1-2 boxes) ... \$120.00 box  
DISCOUNTS (3-23) ..... 110.00 box  
(24+) ..... 105.00 box

**NEW** **92160C** Box of 24 Rolls Perforated Thermal Paper, black print. Final Size, 8½ x 11 in. (210 x 279 mm).

QUANTITY (1-2 boxes) ... \$125.00 box  
DISCOUNTS (3-23) ..... 115.00 box  
(24+) ..... 105.00 box

**NEW** **92160M** Box of Fan-fold Thermal Paper, Blue Print. Each box contains 4 packs of 330 sheets each, page perforated thermal paper (1320 sheets per box total). Size, 8½ x 11 in. (210 x 279 mm).

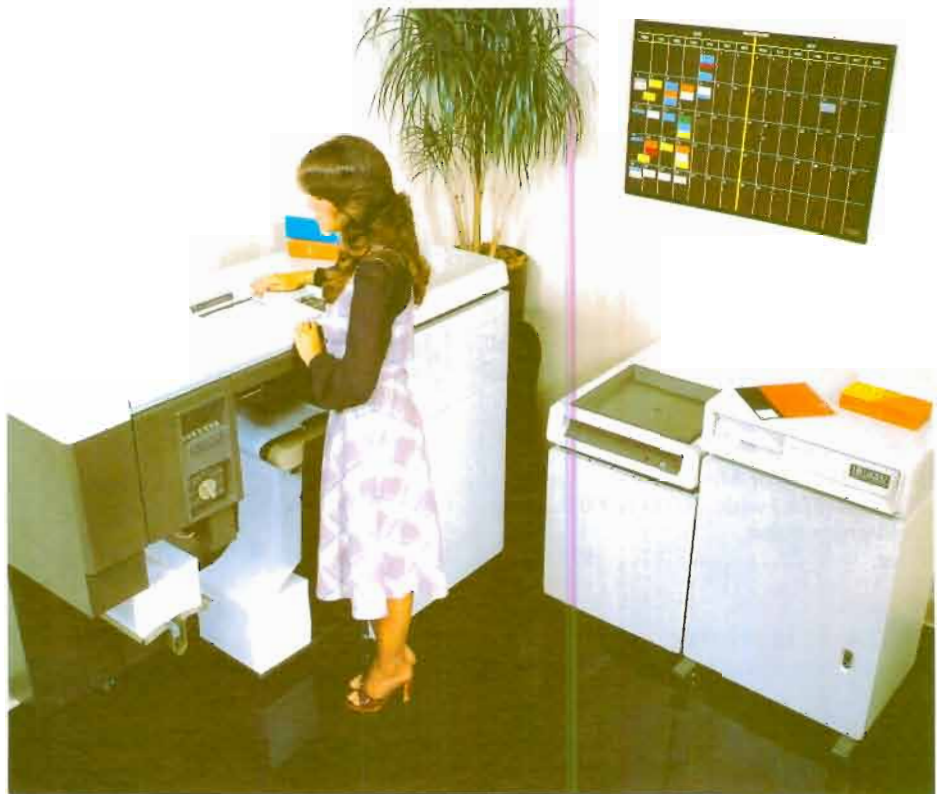
QUANTITY (1 box) ..... \$80.00 box  
DISCOUNTS (2-5) ..... 72.00 box  
(6+) ..... 68.00 box

**NEW** **92160N** Box of Fan-fold Thermal Paper, Black Print. Each box contains 4 packs of 330 sheets each, page perforated thermal paper (1320 sheets per box total). Size, 8½ x 11 in. (210 x 279 mm).

QUANTITY (1 box) ..... \$85.00 box  
DISCOUNTS (2-5) ..... 76.00 box  
(6+) ..... 73.00 box

### 2675A Printing Terminal

Uses same paper supplies and battery as HP 262X Terminals. Also uses 98200A Minicartridges.



HP 2680A Laser Page Printer.

### 2680A Laser Page Printer

**92180A** Toner. Specially formulated for HP 2680A Laser Page Printer. Meets HP warranty requirements. Box of 12 one kilogram bags. Depending on print density, one kilogram will provide 16 to 20,000 pages of output. Six boxes is 6-months supply under normal usage.

QUANTITY (1-2 boxes) ... \$495.00 box  
DISCOUNTS (3-9) ..... 420.00 box  
(10-17) ..... 395.00 box  
(18+) ..... 370.00 box

**92181A** Disposal Containers. Box of six plastic containers for collection and clean disposal of used toner. Two boxes is 6-months supply under normal usage.

QUANTITY (1-2 boxes) ... \$80.00 box  
DISCOUNTS (3-5) ..... 72.00 box  
(6+) ..... 68.00 box

**92182A** Carrier. Box of 24 bottles for replenishing the electrophotographic process of the HP 2680A. One box is 6-months supply under normal usage.

Price ..... \$72.00 box

**92183A** Splicing Tape. One box contains 6 rolls of splicing tape for joining boxes of continuous forms on the splicing table. One box is 6-months supply under normal usage.

Price ..... \$70.00 box

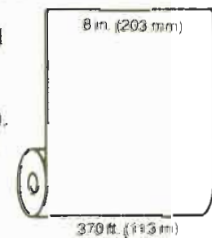
**92184A** 18 lb. (69 gm/sq. meter), Continuous Fan-fold Paper. Dimensions are 12 x 8.5 in. (305 x 216 mm), including pin feed strips. Yields 11 x 8.5 in. (279 x 216 mm) finished copies. 3600 Sheets per box, 45 boxes per pallet. Sold only in pallet load quantities, minimum order one pallet. 9 pallets is 6-months supply under normal usage.

QUANTITY (1-2 Pallets) ... \$1250.00 pallet  
DISCOUNTS (3+) ..... 1200.00 pallet

### HP 2700 Series

#### 2749B Teleprinter

**9280-0046** Individual Roll Printer Paper (Sold in multiples of 12 only). White bond, friction feed. Each roll 8 in. (203 mm) wide, 370 ft. (113 m) long.



QUANTITY (12-24) ..... \$5.30 roll  
DISCOUNT (36+) ..... 3.80 roll



# Operating Supplies

**9282-0524 Individual Nylon Ribbon** (minimum order 6). Prints Black.  
**QUANTITY** (6-11 ribbons) ... \$7.90 ea  
**DISCOUNTS** (12-35) ..... 3.70 ea  
 (36+) ..... 2.60 ea



**9280-0063 Individual Roll Paper Perforator Tape** (sold in multiples of 7 only). Oiled gray paper 1 in. (25.4 mm) wide. Each roll 1000 ft. (305 m) long.  
**QUANTITY** (7-27 rolls) ..... \$3.40 roll  
**DISCOUNTS** (28-279) ..... 3.30 roll  
 (280+) ..... 3.20 roll



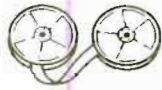
**Mylar Perforator Tape**  
**0460-0747 Roll of Aluminized Mylar Tape**; 25.4 mm (1 in.) wide, 305 m (1000 ft.) long. Gold/green color.  
 Price ..... \$74.00 roll

**2752A Teleprinter**  
 Uses same supplies as HP 2749B.

**2754B Heavy Duty Teleprinter**  
 Uses same ribbon and perforator tape as HP 2749B. Also uses 9280-0705 impact printer paper. See page 22.

**2762A Terminal Printer**  
 Following supplies also used with HP 30120A Subsystem.  
 Roll Printer Paper. See 9280-0046 listed under 2749B Teleprinter.  
 Fan-Fold Printer Paper. See 9280-0705, page 22.

**1535-2577 Individual Ribbon** (minimum order 6). Prints Heavy Black.  
**QUANTITY** (6-11 ribbons) .. \$12.00 ea  
**DISCOUNT** (12+) ..... 7.90 ea



**2762B Terminal Printer**  
 Uses same fan-fold paper and ribbon as HP 2762A.

**2767A Line Printer**  
 Paper Widths Accepted: 4.0 in. (100 mm) minimum; 9.8 in. (249 mm) maximum.  
**9300-0427 Individual Nylon Ribbon**, on 2 rolls. Prints blue/black. Also used with HP 12984A Subsystem.  
**QUANTITY** (1-3 ribbons) .... \$37.00 ea  
**DISCOUNTS** (4-35) ..... 29.00 ea  
 (36+) ..... 26.00 ea



1. HP 3075A 2. HP 3076A 3. HP 3077A Data Capture Terminals

**2894A Card Reader Punch**  
**9260-0373 Individual Ink Cartridge.**  
 Price ..... \$21.00 ea

**3075A, 3076A & 3077A Terminals**  
**82045A Box of 6 Rolls Thermal Paper.**  
 Price ..... \$6.00 box



**8500-1251 Magnetic Stripe Reader Cleaning Fluid.** See page 7.

## HP 7200-7500 Series

**7200A-7203A, 7210A, 9125A And 9862A Graphics Plotters**  
**Plotter Pens**

All pens are designed and manufactured by HP in different colors for clean, crisp and accurate plots.

PAPER-WRITING PENS (OLDER PLOTTERS)  
 Package of 5 Pens, All Same Color.

**5081-1190 (Red)**  
**5081-1191 (Blue)**  
**5081-1192 (Green)**  
**5081-1193 (Black)**  
**QUANTITY** (1-4 pkgs) ..... \$5.50 pkg  
**DISCOUNTS** (5-24) ..... 4.95 pkg  
 (25+) ..... 4.40 pkg



**Blank Plotter Papers**  
 Pad of 50 Small Sheets (3-hole punched with HP logo), available in two sizes: Metric (210 x 297 mm) and English (8.5 x 11 in.).  
 For all HP graphic pen plotters.  
**9280-0476 (Metric)**  
**9280-0475 (English)**  
**QUANTITY** (1-4 pads) ..... \$4.00 pad  
**DISCOUNTS** (5-29) ..... 3.60 pad  
 (30+) ..... 3.20 pad

**NEW** **9280-0517 Box of 300 Small Sheets**, each 8.5 x 11 in. For all HP graphic pen plotters.  
 Price ..... \$15.00 box

**NEW** **9280-0518 Box of 300 Large Sheets**, each 11 x 16.5 in. For larger plotters such as HP 7200A, 7202A, 7203A, 7210A, 7220A/C/S/T, 7221 A/B/C/S/T, 9125A, 9862A, 9872A/B/C/S/T.  
 Price ..... \$25.00 box

**NEW** **9280-0519 Box of 300 Metric Sheets**, A4 Size (210 x 297 mm) For all HP graphic pen plotters.  
 Price ..... \$15.00 box

**Blank Plotter Papers**  
 Continued on page 16.

**NEED PLOTTER SUPPLIES?**  
 800-538-8787 TOLL FREE  
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### Paper Writing Pens (Newer Plotters)

For use with 7220A/C/S//T, 7221A/B/C/S/T,  
7225A/B, 7580A, and 9872 A/B/C/S/T.

#### Same Color Pen Packages (5 pens/pkg)

Narrow Nib Width (.3 mm)      Wide Nib Width (.7 mm)

5060-6784 (Red)

5060-6893 (Red)

5060-6785 (Blue)

5060-6891 (Blue)

5060-6786 (Green)

5060-6892 (Green)

5060-6787 (Black)

5060-6890 (Black)

\*Quantity Discounts (1-4 pkgs) ..... \$6.50 pkg  
(5-24) ..... \$5.80 pkg  
(25+) ..... \$5.20 pkg

#### Multi Color Pen Packages

Narrow Nib Width (.3 mm)      Wide Nib Width (.7 mm)

5060-6810

4 pens/pkg . . . 1 each of

5060-6858

4 pens/pkg . . . 1 each of

Red

Red

Blue

Blue

Green

Green

Black

Black

\*Quantity Discounts (1-4 pkgs) ..... \$6.50 pkg  
(5-24) ..... \$5.80 pkg  
(25+) ..... \$5.20 pkg

Narrow Nib Width (.3 mm)      Wide Nib Width (.7 mm)

5060-6894

6 pens/pkg . . . 1 each of

5060-6895

6 pens/pkg . . . 1 each of

Burnt Orange

Burnt Orange

Violet

Violet

Brown

Brown

Turquoise

Turquoise

Gold

Gold

Lime Green

Lime Green

\*Quantity Discounts (1-4 pkgs) ..... \$8.50 pkg  
(5-24 pkgs) ..... \$7.75 pkg  
(25+) ..... \$6.80 pkg



### Overhead Transparency Pens

For use with 7220A/C/S//T, 7221A/B/C/S/T, &  
9872 A/B/C/S/T. Also 7225A/B if equipped with  
velocity select capability.

#### Same Color Pen Packages (5 pens/pkg)

Narrow Nib Width (.3 mm)      Wide Nib Width (.6 mm)

5061-5010 (Black)

5061-5020 (Black)

5061-5012 (Red)

5061-5022 (Red)

5061-5015 (Green)

5061-5025 (Green)

5061-5016 (Blue)

5061-5026 (Blue)

\*Quantity Discounts (1-24 pkgs) ..... \$8.50 pkg  
(25-149 pkgs) ..... \$8.00 pkg  
(150+) ..... \$7.20 pkg

#### Multi Color Pen Packages (4 pens/pkg)

Narrow Nib Width (.3 mm)      Wide Nib Width (.6 mm)

5060-6818

1 each of

5060-6819

1 each of

Red

Red

Blue

Blue

Green

Green

Black

Black

\*Quantity Discounts (1-24 pkgs) ..... \$8.50 pkg  
(25-149 pkgs) ..... \$8.00 pkg  
(150+) ..... \$7.20 pkg

Narrow Nib Width (.3 mm)      Wide Nib Width (.6 mm)

5060-6834

1 each of

5060-6835

1 each of

Orange

Orange

Brown

Brown

Violet

Violet

Black

Black

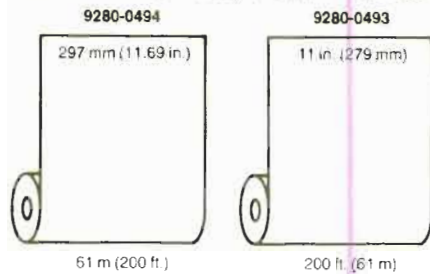
\*Quantity Discounts (1-24 pkgs) ..... \$8.50 pkg  
(25-149 pkgs) ..... \$8.00 pkg  
(150+) ..... \$7.20 pkg

\*Note: Quantity discounts apply to purchase of single part numbers only.

# Operating Supplies

## Blank Plotter Papers, cont'd.

**9280-0180** Box of 100 Large Sheets (3-hole punched with HP logo), each 280 x 420 mm (11 x 16.5 in.). For larger plotters such as HP 7200A, 7202A, 7203A, 7210A, 7220A/C/S/T, 7221A/B/C/S/T, 9125A, 9862A, 9872A/B/C/S/T.  
**QUANTITY** (1-16 boxes) .. \$10.00 box  
**DISCOUNTS** (17-101) ..... 9.00 box



Individual Roll Plotter Paper for HP "S" and "T" Model Plotters, 61 m (200 ft.) long. Available in Metric (297 mm) or English (11 in.) widths. For HP 7220S/T, 7221S/T and 9872S/T Plotters.

**9280-0494** (Metric)

**9280-0493** (English)

**QUANTITY** (1-5 rolls) ..... \$14.00 roll  
**DISCOUNTS** (6-35) ..... 12.60 roll

## Printed Plotter Papers

Standard Grid (English)

**9270-1004** Box of 100 Lg. Sheets, (10 in. x 15 in.) — Heavy Wt.  
**Price** ..... \$10.00 box

**9270-1005** Box of 100 Lg. Sheets, (10 in. x 15 in.) — Light Wt.  
**Price** ..... \$10.00 box

**9270-1006** Box of 100 Sm. Sheets, (7 in. x 10 in.) — Heavy Wt.  
**Price** ..... \$7.00 box

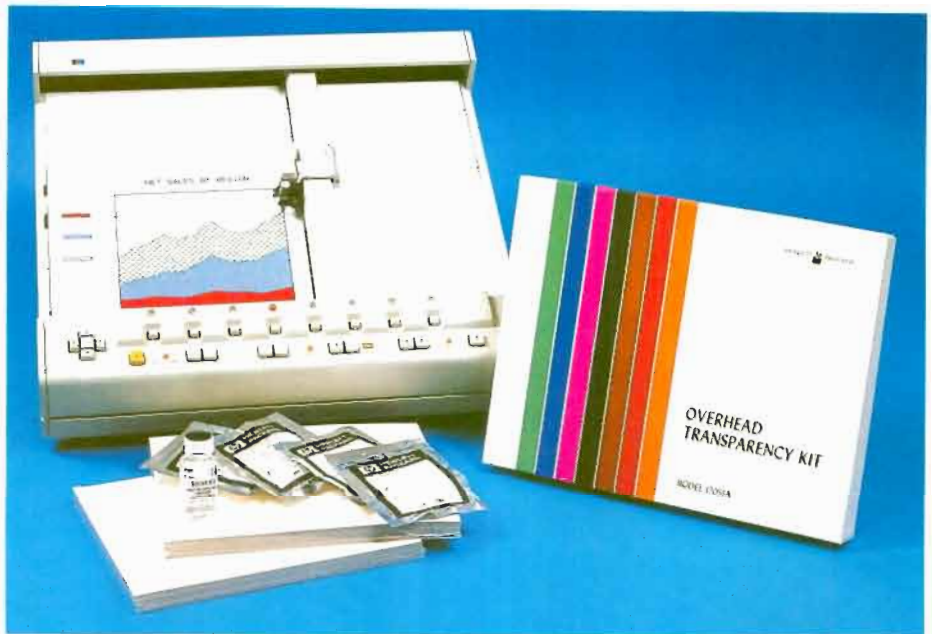
**9270-1007** Box of 100 Sm. Sheets, (7 in. x 10 in.) — Light Wt.  
**Price** ..... \$7.00 box

## Plotter Supplies Kits

Convenient way to get an assortment of pens and plotter paper for everyday use.

**17031A** Large-Sheet Kit for 7220A/S, 7221A/B/S, 9872A/B/S. Contains 400 sheets of 280 x 420 mm (11 x 16.5 in.) paper plus the following pens: 4 black, 4 red, 4 green, 4 blue.  
**Price** ..... \$60.00 kit

**17014A** Small-Sheet Kit for 7225A and other plotters. Contains 15 pads (750 sheets) of gridless 8.5 x 11 in. (216 x 279 mm) paper plus the following pens: 10 black, 10 red, 5 green, 5 blue. Also includes a sturdy pen holder.  
**Price** ..... \$95.00 kit



HP 7221C Graphics plotter.

## Overhead Transparency Supplies for HP Plotters

Following supplies may be used with HP 7220A/C/S/T, 7221A/B/C/S/T, 9872A/B/C/S/T Plotters; also HP 7225A/B if equipped with velocity-select capability.

**17055A** Overhead Transparency Kit, contains all supplies necessary to prepare up to 200 overhead projection transparencies. Includes 200 sheets of transparency film, each 8.5 x 10.5 in. (216 x 267 mm); a bottle of ink solvent; and 16 pens in two tip widths and 7 vivid colors. Packaged in convenient storage box.  
**Price** ..... \$125.00 kit

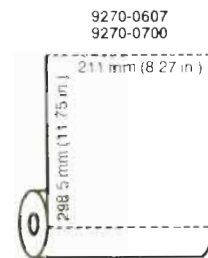
**9270-0639** Package of 100 Transparency Film Sheets, each 8.5 x 10.5 in. (216 x 267 mm).  
**QUANTITY** (1-9 pkgs) .... \$27.50 pkg  
**DISCOUNTS** (10-59) ..... 24.75 pkg  
 (60+) ..... 22.00 pkg

**5060-6828** Transparency Ink Solvent. Container of 1 fluid oz. (29.6 ml).  
**Price** ..... \$4.00 ea

## 7240A, 7245A/B Thermal Plotter/Printers

HP thermal papers are especially manufactured to yield high-quality, fade-resistant copies. Also, they are smooth-surfaced to prevent excessive print head wear (see photo of HP thermal paper/print head tests, page 21).

**METRIC-DIMENSIONED THERMAL PAPERS.** Rolls are 211 mm wide x 61 m long (8.27 in. x 200 ft.). Two papers have cross-perforations to yield A4 pages 298.5 mm (11.75 in.) high.

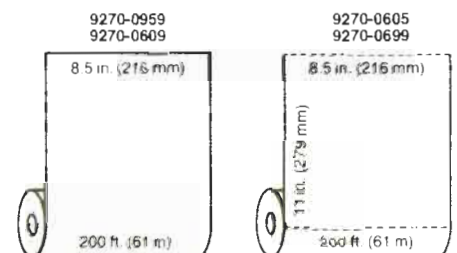


**9270-0607** Box (2 rolls) Page-Perf Paper, Black Print.

**9270-0700** Box (2 rolls) Page-Perf Paper, Blue Print.

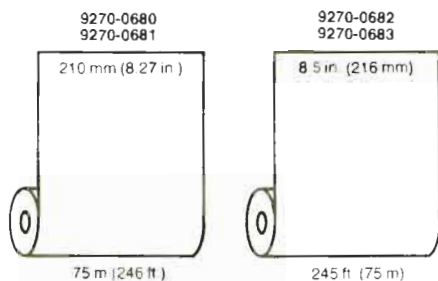
**QUANTITY** (1-5 boxes) ... \$22.00 box  
**DISCOUNTS** (6-35) ..... 19.80 box  
 (36-149) ..... 18.26 box  
 (150+) ..... 17.60 box

**ENGLISH-DIMENSIONED THERMAL PAPERS.** Rolls are 8.5 in. wide x 200 ft. long (216 mm x 61 m). Two papers have cross-perforations to yield pages 11 in. (279 mm) high.



- 9270-0959 Box (2 rolls) Continuous-Roll Paper, Blue Print.  
 9270-0609 Box (2 rolls) Continuous-Roll Paper, Black Print.  
 9270-0605 Box (2 rolls) Page-Perf Paper, Black Print.  
 9270-0699 Box (2 rolls) Page-Perf Paper, Blue Print.  
 QUANTITY (1-5 boxes) . . . \$28.00 box  
 DISCOUNTS (6-35) . . . . . 25.20 box  
 (36+) . . . . . 22.40 box  
 07245-60001 Thermal Print Head.  
 Price . . . . . \$75.00 ea

### 7310A Thermal Forms & Text Printer



- 9270-0680 Box of 6 Rolls Metric-Dimensioned Thermal Paper, Black Print. Each roll 210 mm wide x 75 m long (8.27 in. x 246 ft).  
 QUANTITY (1-4 boxes) . . . \$90.00 box  
 DISCOUNTS (5-29) . . . . . 81.00 box  
 (30+) . . . . . 72.00 box  
 9270-0681 Box of 6 rolls Metric-Dimensioned Thermal Paper, Blue Print.  
 QUANTITY (1-4 boxes) . . . \$90.00 box  
 DISCOUNTS (5-29) . . . . . 81.00 box  
 (30+) . . . . . 72.00 box  
 9270-0682 Box of 6 Rolls English-Dimensioned Thermal Paper, Black Print. Each roll 8.5 in. wide x 246 ft. long (216 mm x 75m).  
 QUANTITY (1-4 boxes) . . . \$90.00 box  
 DISCOUNTS (5-29) . . . . . 81.00 box  
 (30+) . . . . . 72.00 box  
 9270-0683 Box of 6 Rolls English-Dimensioned Thermal Paper, Blue Print.  
 QUANTITY (1-4 boxes) . . . \$90.00 box  
 DISCOUNTS (5-29) . . . . . 81.00 box  
 (30+) . . . . . 72.00 box



### 7580A Drafting Plotter

- 07580-60035 Fiber Tip Pen Carousel. Holds 8 fiber tip pens. See page 15 for paper writing fiber tip pens.  
 Price . . . . . \$60.00 ea  
 4320-0361 Pen Caps for Fiber and Roller Pens.  
 Price . . . . . \$2.00 ea  
 07580-60081 Drafting Pen Carousel. Holds 8 drafting pens.  
 Price . . . . . \$60.00 ea  
 07580-60025 Drafting Pen Body. Used with drafting pen tips listed below.  
 Price . . . . . \$10.50 ea  
 9260-0588 Drafting Pen Tip. 0.35 mm tip, (fine line width) used with drafting pen body.  
 Price . . . . . \$22.00 ea  
 9260-0579 Drafting Pen Tip. 0.7 mm tip, (wide line width) used with drafting pen body.  
 Price . . . . . \$22.00 ea  
 9260-0596 Drafting Ink. Used with drafting pens above. 3/4 oz. bottle, black.  
 Price . . . . . \$1.50 ea  
 4320-0365 Pen Caps for Drafting Pens.  
 Price . . . . . \$2.00 ea  
 07580-60082 Roller Pen Carousel. Holds 8 pens. Roller pens available soon.  
 Price . . . . . \$60.00 ea  
 8710-1386 Grit Wheel Brush. Helps in cleaning grit wheel.  
 Price . . . . . \$4.90 ea  
 9282-0905 Cleaning Syringe. Used to clean drafting pens, etc.  
 Price . . . . . \$9.00 ea  
 9282-0908 Drafting Pen Cleaning Solution, 5.2 oz. container.  
 Price . . . . . \$4.90 ea  
 09872-60066 Digitizing Sight.  
 Price . . . . . \$40.00 ea

- NEW** 1540-0714 Writing Accessories Chest, hardwood. Keep your drafting plotter supplies protected and organized.  
 Price . . . . . \$185.00 ea  
 9280-0525 Polyester Film. D-size (22 x 34 in.), 50 sheets per pack.  
 Price . . . . . \$195.00 pk  
 9280-0526 Polyester Film. A1-size (594 mm x 841 mm), 50 sheets per pack.  
 Price . . . . . \$195.00 pk  
 9280-0527 Chart Paper. D-size (22 x 34 in.), 200 sheets per pack.  
 Price . . . . . \$50.00 pk  
 9280-0528 Chart Paper. A1-size (594 mm x 841 mm), 200 sheets per pack.  
 Price . . . . . \$50.00 pk  
 9280-0529 Vellum. D-size (22 x 34 in.), 150 sheets per pack.  
 Price . . . . . \$120.00 pk  
 9280-0530 Vellum. A1-size (594 mm x 841 mm), 150 sheets per pack.  
 Price . . . . . \$120.00 pk

### 82905A Dot Matrix Printer

Paper Widths Accepted: 4 in. (102 mm) minimum; 10 in. (256 mm) maximum.

- NEW** 92156A Box of 2 Ribbon Cartridges. Each high quality, long-life cartridge averages 3 million characters. Prints Black.  
 QUANTITY (1-2 boxes) . . . . \$38.00 box  
 DISCOUNTS (3-7) . . . . . 33.00 box  
 (8+) . . . . . 29.00 box  
**NEW** 92154P Print Head. Reliable and user installable. Average life is 50 to 100 million characters.  
 Price . . . . . \$55.00 ea

### HP 9100 Series

#### 9100A/B Calculators

- 5060-5919 Box of 10 Magnetic Program Cards, with envelopes.  
 Price . . . . . \$16.00 box  
 9320-1144 Box of 100 Magnetic Program Cards, without envelopes.  
 Price . . . . . \$44.00 box  
 09100-90023 Individual Program Pad.  
 Price . . . . . \$11.00 ea

#### SUPPLIES ORDERED TODAY

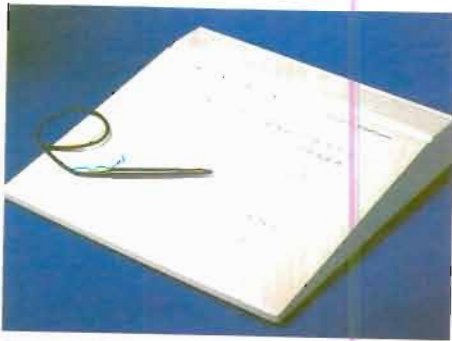
800-538-8787 TOLL FREE

CALIF. (408) 738-4133 COLLECT

WILL SHIP TOMORROW



# Operating Supplies

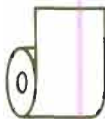


## 9111A/T Graphics Tablet

- 09111-68701** Package of Stylus Refills (2 inkless, 3 ink cartridges).  
 Price ..... \$9.20 pkg
- 7121-0988** Package of Three Overlays. Used to protect and hold down documents of 9111A Graphics Tablet.  
 Price ..... \$38.00 pkg
- 9270-0977** Package of 20 Mylar Menu Sheets. 349 mm wide x 285 mm high (13.74 in. x 11.22 in.)  
 Price ..... \$19.00 pkg

## 9120A Electrostatic Printer

- 9270-0801** Box of 3 Rolls Electrostatic Paper, Black Print. 2.5 in. (64 mm) wide.
- QUANTITY (1-2 boxes) ..... \$47.00 box  
 DISCOUNTS (3-7) ..... 43.00 box  
 (8-15) ..... 38.00 box  
 (16+) ..... 33.00 box



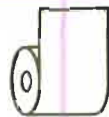
## 9125A Plotter

See 7200A-7203A, 7210A listing.

### HP 9800 Series

## 9805A Calculator

- 9281-0415** Individual Roll Printer Paper (minimum order 10 rolls).  
 NOTE: Ordinary adding machine paper which is 2.25 in. (57.2 mm) wide may be used.  
 Price ..... \$1.10 roll
- 9282-0511** Individual Ribbon, red and black (minimum order 3 ribbons).  
 Price ..... \$3.90 ea.



## 9810A Calculator

Paper (9281-0401; listed under 9820A Calculator).  
 Magnetic Program Cards (5060-9152, 9162-0012 & 9162-0045; listed under



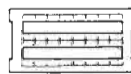
9845C Desktop Computer, with HP 9872C 8-Color Plotter

- 9820A Calculator).  
**09810-90016** Individual Program Pad  
 Price ..... \$11.00 ea

## 9815A/S Desktop Computers

Paper (9270-0479 & 9270-0664; listed under 9825A/S Desktop Computers).  
 Mini Data Cartridge (98200A; listed under 9825A/S Desktop Computers).

- 7120-4691** Individual Blank Key Overlay (minimum order 5).  
 Price ..... \$1.60 ea
- 09815-90011** Individual Program Pad  
 Price ..... \$5.30 ea



## 9820A Calculator

- 9281-0401** Box of 6 Rolls Thermal Paper, blue print. 5.7 cm x 76 m (2 3/4 in. x 250 ft.).  
 QUANTITY (1 box) ..... \$16.00 box  
 DISCOUNTS (2-4) ..... 14.00 box  
 (5-19) ..... 13.00 box



- 5060-9152** Individual 6 in. (152.4 mm) magnetic Program Card, with envelope (minimum order 10).  
 Price ..... \$2.60 ea



- 9162-0012** Individual 6 in. (152.4 mm) Magnetic Program Card, without envelope (minimum order 10).  
 Price ..... \$1.80 ea
- 9162-0045** Individual 10.5 in. (266 mm) Magnetic Program Card, without envelope.  
 QUANTITY (1-9 cards) ..... \$3.20 ea  
 DISCOUNTS (10-99) ..... 2.50 ea  
 (100+) ..... 2.30 ea

- 9230-0052** Individual Magnetic Card Holder Sheet (minimum order 5). Holds 3 cards; for binder or file.  
 Price ..... \$ .65 ea
- 09820-90016** Individual Program Pad  
 Price ..... \$11.00 ea

## 9821A Calculator

Paper (9281-0401; listed under 9820A Calculator).  
 Digital Tape Cassette (9162-0050; listed under 9830A/B Desktop Computers).  
 Program Pad (09820-90016; listed under 9820A Calculator).

## 9825A/S Desktop Computers

**9270-0479** Box of 6 Rolls Thermal Paper, Blue Print. Also used with HP 9815A/S and HP 9835A/B (System 35) Desktop Computers.



Price and quantity discounts same as 9270-0664. 5.7 cm x 76 m (2¼ in. x 250 ft).

**9270-0664** Box of 6 Rolls Thermal Paper, Black Print. Also used with HP 9815A/S and 9835A/B (System 35) Desktop

QUANTITY (1 box) ..... \$26.00 box  
 DISCOUNTS (2-4) ..... 24.00 box  
 (5-19) ..... 21.00 box  
 (20-99) ..... 18.00 box

**98200A** Box of 5 Minicartridges, each with own protective plastic box.



These rugged HP-manufactured storage devices are each 100% tested mechanically (for proper tape tension and drive force requirements) and electromagnetically (for error-free data recording). Metal backplate construction helps ensure accurate alignment of tape guides and other internal parts, while providing a grounding surface to protect the minicartridge from effects of static electricity.

In addition to the HP 9825A S, the 98200A minicartridges are used with HP 85A, 9815A S, 9835A B & 9845A B S T Desktop Computers, 9915A, OPT001 modular computers — as well as with HP 264X-series Terminals.

QUANTITY (1 box of 5) ... \$95.00 box  
 DISCOUNTS (2-4) ..... 85.00 box  
 (5-19) ..... 76.00 box  
 (20-99) ..... 66.00 box

The minicartridge drive in your HP Desktop Computer should be kept clean, for continued reliable operation. See Head Cleaner and Swabs listed on page 7.

**7120-4802** Individual Blank Key Overlay (minimum order 5). Also used with HP 9831A Desktop Computer.



Price ..... \$1.60 ea

### 9825/35 Desktop Computer Software

See page 38.

### 9826A Desktop Computer

Uses 92190A flexible discs. See page 4. Software for 9826A. See page 39.

### 9830A/B Desktop Computers

**9162-0050** Individual Digital Tape Cassette, in protective plastic box. Also used with HP 9821A Desktop Computer.



HP Supplies bring out the best in HP Desktop Computers. Shown: HP 9895A Flexible Disc Drive (left) HP 9845B Desktop Computer.

QUANTITY (1-9) ..... \$11.00 ea  
 DISCOUNTS (10-99) ..... 8.90 ea  
 (100+) ..... 7.90 ea

**7120-3510** Package of 6 Blank Key Overlays.



Price ..... \$11.00 pkg

**09830-90016** Individual Program Pad.

Price ..... \$11.00 ea

### 9831A Desktop Computer

Mini Data Cartridge (98200A; listed under 9825A/S Desktop Computers).

Blank Key Overlay (7120-4802; listed under 9825A/S).

### 9835A/B Desktop Computers

Paper (9270-0479 & 9270-0664; listed under 9825A S Desktop Computers)

Mini Data Cartridges (98200A; listed under 9825A S Desktop Computers)

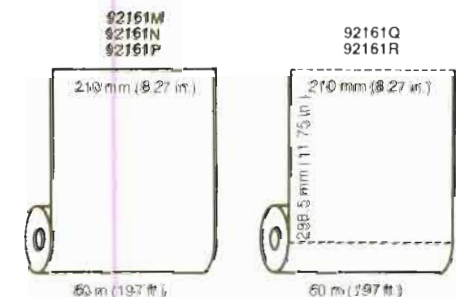
**7120-6452** Individual Blank Key Overlay (minimum order 5).



Price ..... \$2.10 ea

### 9845A/B/C/S/T Desktop Computers

**METRIC-DIMENSIONED THERMAL PAPERS** 6 rolls per box. All rolls 210 mm wide x 60 m long (8.27 in. x 197 ft.). Two papers have cross-perforations to yield A4 pages 298.5 mm (11.75 in.) high. High-Contrast papers optimized for longer records storage; superior results when photocopied.



**92161M** Continuous Roll Paper, Regular Blue Print Supersedes 9270-0569. (6 rolls/box).

QUANTITY (1 box of 6 rolls) ..... \$50.00 box  
 DISCOUNTS (2-5) ..... \$48.00 box  
 (6+) ..... \$46.00 box

# Operating Supplies

**92161N** Continuous Roll Paper,  
High-Contrast Blue Print Supersedes  
9270-0652 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls) ..... \$63.00 box  
(2-5) ..... 61.50 box  
(6+) ..... 59.00 box

**92161P** Continuous Roll Paper,  
High-Contrast Black Print Supersedes  
9270-0662 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls) ..... \$63.00 box  
(2-5) ..... 61.50 box  
(6+) ..... 59.00 box

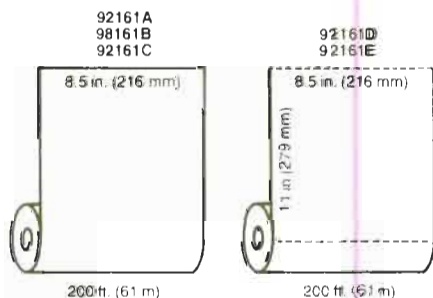
**92161Q** Page-Perf Roll Paper, Regular  
Black Print Supersedes 9270-0568  
(6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls) ..... \$70.00 box  
(2-5) ..... 67.50 box  
(6+) ..... 65.00 box

**92161R** Page-Perf Roll Paper,  
High-Contrast Black Print Supersedes  
9270-0651 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls) ..... \$82.00 box  
(2-5) ..... 79.00 box  
(6+) ..... 76.00 box

**ENGLISH-DIMENSIONED THERMAL PAPERS** For 9845A/B/C/S/T. All rolls 8.5 in. wide x 200 ft. long (216 mm x 61 m). Two papers have cross-perforations to yield pages 11 in. (279 mm) high. High-Contrast papers optimized for longer records storage; superior results when photocopied.



**92161A** Continuous Roll Paper, Regular  
Blue Print Supersedes 9270-0566 (6 rolls/  
box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls) ..... \$50.00 box  
(2-5) ..... 48.00 box  
(6+) ..... 46.00 box

**92161B** Continuous Roll Paper,  
High-Contrast Blue Print Supersedes  
9270-0650 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls) ..... \$63.00 box  
(2-5) ..... 61.50 box  
(6+) ..... 59.00 box

**92161C** Continuous Roll Paper,  
High-Contrast Black Print Supersedes  
9270-0661 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls) ..... \$63.00 box  
(2-5) ..... 61.50 box  
(6+) ..... 59.00 box

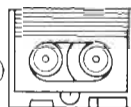
**92161D** Page-Perf Roll Paper, Regular  
Black Print Supersedes 9270-0565  
(6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls) ..... \$70.00 box  
(2-5) ..... 67.50 box  
(6+) ..... 65.00 box

**92161E** Page-Perf Roll Paper,  
High-Contrast Black Print Supersedes  
9270-0649 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls) ..... \$82.00 box  
(2-5) ..... 79.00 box  
(6+) ..... 76.00 box

Mini-Data Cartridges  
(98200A; listed under  
9825A/S Desktop Computers)



**7120-6164** Individual  
Blank Key Overlay, for  
9845A/B/S/T, (minimum  
order 5).



Price ..... \$2.10 ea

## Spectrum Graphics Kit For 9845C

The **Spectrum Graphics Kit** is for use *only* with the **9872 Graphics Plotter** and the new **HP 9845C Desktop Computer**. The **System 45C color utility program**, Vector Transfer, is used to create color hard-copy of select graphics. The pens provided in the kit use subtractive inks to produce colors. The Spectrum pen colors are black, magenta, cyan, and yellow. The four Spectrum pens can be used to duplicate seven of the eight colors from the 9845C screen (a white line cannot be drawn on the plotter). The use of Spectrum paper is necessary to ensure quality plots, as the quality of the colors and pen performance are affected by the paper used.

**09872-60069** Spectrum Graphics Kit.  
Contains 4 packages Spectrum pens (one each black, magenta, cyan, yellow per package), 1 box Spectrum paper (100 sheets) and instructions.  
Price ..... \$70.00 kit

**5060-6855** Spectrum Pens (one each black, magenta, cyan, yellow per package).  
Price ..... \$11.00 pkg

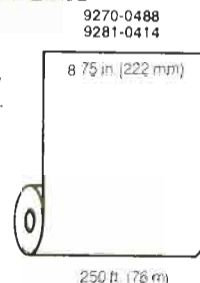
**9280-0516** Spectrum Paper (100 plain, 8 1/2 x 11 in. sheets).  
Price ..... \$11.00 box

## 9862A Plotter

See 7200A-7203A, 7210A listing.

## 9866A/B Thermal Line Printers

Following papers also  
used with HP 12996A,  
13246A/B Subsystems.  
Rolls 8.75 in. wide  
x 250 ft. long (222 mm  
x 76 m).



**9270-0488** Box of 6 Rolls Thermal Paper,  
Black Print.

QUANTITY (1 box) ..... \$79.00 box  
DISCOUNTS (2-4) ..... 71.00 box  
(5-19) ..... 63.00 box  
(20+) ..... 55.00 box

**9281-0414** Box of 2 Rolls Thermal Paper,  
Blue Print.

QUANTITY (1 box) ..... \$16.00 box  
DISCOUNTS (2-4) ..... 14.00 box  
(5-19) ..... 13.00 box  
(20+) ..... 11.00 box

## 9871A Character Impact Printer

Following supplies also used with HP  
13349A Subsystem.

Paper Widths Accepted: 2.0 in. (50 mm)  
minimum; 15.0 in. (381 mm) maximum.

**9282-0561** Individual  
Nylon Ribbon Cartridge  
(minimum order 6).  
Prints black.



QUANTITY (6-11) ..... \$5.30 ea  
DISCOUNTS (12-35) ..... 4.20 ea  
(36+) ..... 3.00 ea

Package of 3 Print Discs. Each package  
contains 3 identical, 96-character print  
discs. Available in following character  
sets:

**1530-0697** (Standard)  
**1530-1810** (European)  
**1530-1811** (ASCII)  
**1530-1851** (Katakana)  
**1530-1895** (Cyrillic)  
**1530-2022** (APL)



QUANTITY (1-5 pkgs) ..... \$14.00 pkg  
DISCOUNTS (6-11) ..... 11.00 pkg  
(12+) ..... 8.70 pkg

## Paper for Impact Printers

See page 22.

## 9872A/B/C/S/T Plotter

See 7220A-C/S/T, 7221A/B/C/S/T listing.



HP thermal papers and thermal print heads in HP desktop computers, terminals and **plotter/printers** are carefully tested for optimum performance. You get crisp, fade-resistant printing — and on smoother surfaced papers which lower contact abrasion, for longer print head life.

### 9874A Digitizer

**09874-87000** Package of 5 Mylar Holddown Sheets, each 850.9 x 520.7 mm (33.5 x 20.5 in.).

Price ..... \$20.00 pkg

**09874-67924** Individual Holddown Magnet, to secure large documents and Mylar Holddown Sheets to platen.

Price ..... \$11.00 ea

**7120-7105** Individual Blank Key Overlay (minimum order 5).

Price ..... \$1.60 ea

Ink Cartridge for Stylus. Use Papermate Standard Ballpoint Refill (Papermate **PN** 46301, black ink, fine line), or equivalent.

### 9876A Thermal Printer

Following papers (also used with HP 11479A Printer) are page-perforated and fan-folded 330 sheets per pack. Each box contains 4 packs (total of 1320 sheets).

**9270-0642** Box of Metric-Dimensioned Thermal Paper, Black Print. Sheet size 210 x 297 mm (8.27 x 11.69 in.).

QUANTITY (1 box of  
DISCOUNTS 4 packs) ..... \$85.00 box  
(2-5) ..... 76.00 box  
(6+) ..... 73.00 box

**9270-0643** Box of Metric-Dimensioned Thermal Paper, Blue Print.

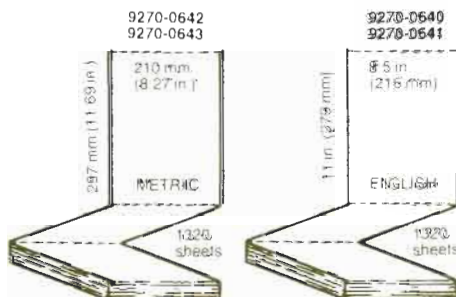
QUANTITY (1 box of  
DISCOUNTS 4 packs) ..... \$80.00 box  
(2-5) ..... 72.00 box  
(6+) ..... 68.00 box

**9270-0640** Box of English-Dimensioned Thermal Paper, Black Print. Sheet size 8.5 x 11 in. (216 x 279 mm).

QUANTITY (1 box of  
DISCOUNTS 4 packs) ..... \$85.00 box  
(2-5) ..... 76.00 box  
(6+) ..... 73.00 box

**9270-0641** Box of English-Dimensioned Thermal Paper, Blue Print.

QUANTITY (1 box of  
DISCOUNTS 4 packs) ..... \$80.00 box  
(2-5) ..... 72.00 box  
(6+) ..... 68.00 box



### 9915A Modular Computer

Opt. 001 Uses 98200A Mini-Data Cartridges. See page 6.

#### PHONE US

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CALLER (408) 738-4133 COLLECT

9 A.M. TO 5 P.M.





# Operating Supplies

## Misc. Supplies

### Optical Mark Reader Cards

Clock marks black non-reflective ink; all other information reflective red ink.

**9320-2072** Box of 2000 General Purpose, 80-Column Cards.

**9320-2074** Box of 2000 General Purpose, 40-Column Cards.

**9320-2051** Box of 2000 Educational Basic, 37-Column Cards.

QUANTITY (1-5 boxes) . . . . . \$21.00 box  
DISCOUNT (6+) . . . . . 19.00 box

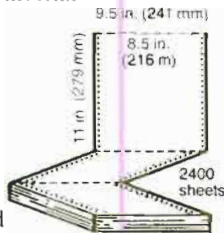
### Paper for Impact Printers

For your basic printout needs, HP carries the following continuous-form, single-copy papers. Standard pin feed holes along both edges. Horizontal paging perforations every 11 in. (279 mm).

**92157A** Box of Blank Paper. 2400 Sheets per box. White 18 lb. bond. Overall width 9.5 in. (241 mm).

Removal of perforated pin feed strips yields 8.5 x 11 in. (216 x 279 mm) finished sheets.

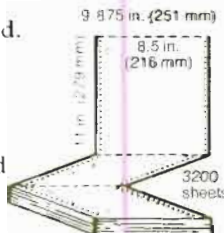
QUANTITY (1-2 boxes) . . . . . \$40.00 box  
DISCOUNTS (3-5) . . . . . 36.00 box  
(6-11) . . . . . 34.00 box  
(12+) . . . . . 32.00 box



**92157B** Box of Blank Paper, 3-Hole Punched. 3200 Sheets per box. White 15 lb. bond. Overall width 9.875 in. (251 mm).

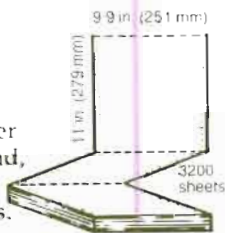
Removal of perforated pin feed strips yields 8.5 x 11 in. (216 x 279 mm), 3-hole punched finished sheet.

QUANTITY (1-2 boxes) . . . . . \$48.00 box  
DISCOUNTS (3-5) . . . . . 44.00 box  
(6-11) . . . . . 42.00 box  
(12+) . . . . . 40.00 box



**9280-0218** Box of 80-Column Green-Bar Paper, 3200 sheets per box. White 15 lb. bond, printed with light green horizontal bars. Overall width 9.9 in. (251 mm).

QUANTITY (1-51 boxes) . . . . . \$50.00 box  
DISCOUNT (52+) . . . . . 42.00 box

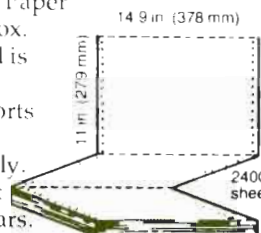
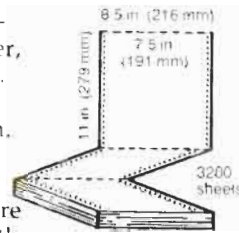


**9280-0705** Box of 72-Column Blank Paper, 3200 sheets per box. White 15 lb. bond. Overall width 8.5 in. (216 mm); when perforated vertical pin feeds margins are detached, final width is 7.5 in. (191 mm).

QUANTITY (1-67) . . . . . \$46.00 box  
DISCOUNT (68+) . . . . . 39.00 box

**9320-1515** Box of 132-Column Blue-Bar Paper 2400 sheets per box. White 18 lb. bond is more durable; preferred for reports which will be handled frequently. Printed with light blue horizontal bars. Overall width 14.9 in. (378 mm).

QUANTITY (1-45) . . . . . \$39.00 box  
DISCOUNT (50+) . . . . . 35.00 box



**92173P** Paper Transporter. Tired of lifting and carrying heavy boxes of printer paper to and from your computer area? Use HP's paper transporters. They provide an easy way to move boxes of blank forms and finished printouts from one place to another. The transporters are made of durable steel with non-mar, double wheel casters and come with their own pull handles. Size is 13W x 16D in. (330 x 406 mm). Color is putty. Order several and save.

QUANTITY (1 transporter) . . . . . \$48.00 ea  
DISCOUNTS (2-4) . . . . . 43.00 ea  
(5+) . . . . . 40.00 ea

### Program Coding Forms

Package of 5 pads, 500 sheets total, 3-hole punched (13½ x 11 in.).

**5080-6595** (Fortran)

**5080-6596** (Assembler)

**5951-4465** (Cobol)

QUANTITY (1-2 pkgs) . . . . . \$32.00 pkg  
DISCOUNT (3+) . . . . . 26.00 pkg

### RPG Coding Forms

Used with HP 300 and HP 3000 systems having RPG capability. All forms 8½ x 11 in. except as noted. 921698A-E are packages of 10 pads, 500 sheets total, all field names specified. Alternating shaded fields help eliminate line shifting while programming.

**92168A** Pkg. of C (Calculation) forms

**92168B** Pkg. of E (File Extension) forms

**92168C** Pkg. of H (Control) forms

**92168D** Pkg. of I (Input) forms

**92168E** Pkg. of O (Output) forms

**92168F** One pad each of 92168A-E forms plus one pad (50 sheets) printer spacing chart (8½ x 14 in.).

QUANTITY (1-2 pkgs) . . . . . \$30.00 pkg  
DISCOUNT (3+) . . . . . 25.00 pkg

### Printer Layout Forms

**92168G** Printer Layout Forms. Package of 10 pads, 500 sheets total (8½ x 14 in.)

Same price and quality discounts as 92168A-G above.

**02608-60091** Printer Layout Forms.

Package of 5 pads, 250 sheets total (11 x 17 in.) includes vertical format control area.

Price . . . . . \$16.00 pkg

### VFU Tape, Punch & Adhesive

Following supplies are used with HP 2613A, 2617A, 2618A, 2619A Printers and related Subsystems.

**4114-0371** Package of 25 Blank 12-Channel VFU Tapes, marked for 66 lines/page up to 140 lines. Self-adhesive.  
QUANTITY (1 pkg) . . . . . \$40.00 pkg  
DISCOUNT (2+) . . . . . 36.00 pkg

**9164-0023** VFU Tape Punch, for 12-channel tape. Manually operated.  
Price . . . . . \$125.00 ea

**0470-0391** Tape Adhesive, 3 fluid oz.  
Price . . . . . \$8.90 ea

**SUPPLIES ORDERED TODAY**

800-538-8787 TOLL FREE

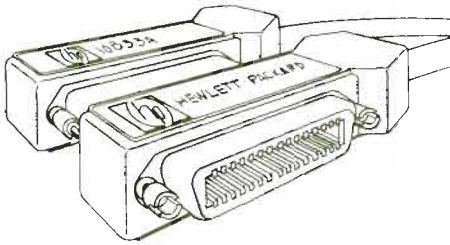
CALLIE (408) 738-4133 COLLECT

**WILL SHIP TOMORROW**



# Cables and Connectors

## HP-IB (IEEE-488) Cables



The HP 10833A/B/C/D are a new series of cables with an improved shielding design for interconnecting devices using the HP-IB system. This new design was developed to help reduce radiated emissions from interconnecting cables in systems environments. The use of this cable has enabled many systems to reduce their overall RFI level to pass Mil-Std-461A and VDE 0871 & 0875. The design incorporates conductive metal enclosures and a special 2 in 1 shielding to improve termination of the shield to chassis. The new cables are completely compatible with, and can be used in combination with, other HP-IB cables. However, this will affect the continuity and effectiveness of the total shielding.

Length	Regular Cable (Other HP Equivalent)	New RFI Shielded Cable (Other HP Equivalent)
1m (3.3 ft)	<b>31389A</b> \$75.00 (10631A)	<b>10833A</b> \$70.00 (45529A)
2m (6.6 ft)	<b>31389B</b> \$80.00 (10631B)	<b>10833B</b> \$75.00 (45529B)
4m (13.2 ft)	<b>31389C</b> \$90.00 (10631C)	<b>10833C</b> \$85.00 --
0.5m (1.65 ft)	-- \$75.00 (10631D)	<b>10833D</b> \$70.00 --

**10834A Adapter.** This adapter was designed to help in those cases where limited rear panel space and other design considerations have resulted in difficult cabling situations. The adapter extends the first cable approximately 2.3cm (5/8 in.) away from the rear panel to provide clearance for other connectors, switches and cables that may be in close proximity to the HP-IB connector.  
Price ..... \$20.00 ea



## Terminal Connector Kits

Make up your own special cables. See 92179A/B for cable.

**5061-1340 Connector for 264X Terminals** (see illustration 2, page 24). Contains one 30-pin female hooded edge connector, plus hardware.  
Price ..... \$14.00 kit

**5061-2401 Multipoint Connectors for 264X Terminals** (see illustrations 4M and 4F, page 24). Contains two complete 14-pin connectors (one male and one female) plus hardware.  
Price ..... \$14.00 kit

**5061-2412 Connector for 262X Terminals** (see illustration 1, page 24). Contains one complete 50-pin male connector and hardware.  
Price ..... \$7.50 kit

## Terminals Cabling Manual

HP has a helpful guide which provides detailed information (including connector pin assignments) for more than 35 different cables used with HP terminals. Ask for "Data Terminals Cabling Manual, HP publication number 02640-90185."  
(Available November, 1981).  
02640-90185 ..... \$18.00 ea

## Maximum Cabling Distances

To ensure proper performance, be sure to consult the manuals for equipment you are connecting via cable, especially with regard to maximum cabling distances.

## Universal RS-232C Connector Kits

Each kit contains two 25-pin connectors (either 2 male, 2 female or 1 of each), 2 hoods and related hardware. The connectors are gold-plated and the pins are precision-machined for better contact.

**92178A** Two male connectors in kit (See illustration 3M).

**92178B** Two female connectors in kit (See illustration 3F).

**92178C** One male connector and one female connector in kit (See illustration 3M and 3F).

QUANTITY (1-4 kits) ..... \$21.00 ea  
DISCOUNTS (5-9) ..... 19.00 ea  
(10+) ..... 17.00 ea

## Custom-Length Cable

(Order connectors separately). Complementing our connector kit offerings are custom-length cables (Minimum order 10 metres).

**92179A Unshielded, 12-wire/22 gauge cable**  
QUANTITY (10-19 m) ..... \$2.65/metre  
DISCOUNTS (20-99) ..... 2.30/metre  
(100+) ..... 2.05/metre






**92179B Unshielded, 25-wire/26 gauge cable**  
QUANTITY (10-19 m) ..... \$3.95/metre  
DISCOUNTS (20-99) ..... 3.50/metre  
(100+) ..... 3.10/metre

# Cables and Connectors

## Terminal Power Cord Reference Chart

Need a replacement power cord for your HP 264X/262X terminal but can't find the part number? Listed in the adjacent table are several of the standard cords available for these terminals. The part numbers have been provided for your reference.

**NEED HP-IB CABLES?**  
 800-538-8787 TOLL FREE  
 CALIF. (408) 738-4133 COLLECT  
**FOR QUALITY SUPPLIES**

Plug Configuration	Voltage Rating	Reference Specification	Part Number	Price
	125v	NEMA 5-15P	8120-1348 (Black) 8120-1378 (Grey)	\$5.75
	250v	BS 1363A	8120-1351	*
	250v	NZSS 198/AS C112	8120-1369	*
	250v	CEE7-VII	8120-1689	*
	250v	SEV1011, 1959, 24507, Type 12	8120-2104	*





































\*Order from local HP sales office.

## RS-232C Connectors

(see cables next page)

1 50-pin male (for 262X Terminals); 2 30-pin female (for 264X Terminals); 3M (male) and 3F (female) standard 25-pin RS-232C connectors; 4M (male) and 4F (female) 14-pin multipoint cable connectors. Above connectors not to scale.
































## RS-232C Cables

Description	Connector	Length	Connector . . .	Wired For/Connects To	Other HP Equivalent	Order Number
Extension Cables		5 m (16.7 ft.)		All 25 pins wired end-to-end	(30062C)	<b>31391A</b> \$110.00 ea
		10 m (33.4 ft.)		All 25 pins wired end-to-end	--	<b>31391B</b> \$110.00 ea
		15 m (50 ft.)		All 25 pins wired end-to-end	(30062C, Opt 001)	<b>31391C</b> \$152.00 ea
		30 m (100 ft.)		All 25 pins wired end-to-end; unshielded.	(30062C, Opt 002)	<b>30062-60012</b> \$210.00 ea
		3.8 m (12.5 ft.)		15 pins wired end-to-end	--	<b>02631-60065</b> \$91.00 ea
		7.6 m (25 ft.)		Hardwire extension; 3 wires	(30062D)	<b>30062-60018</b> \$68.00 ea
Modem Cables		7.6 m (25 ft.)		Connects HP 3000 to modem types 103 and 202S.	(30062B)	<b>30062-60020</b> \$68.00 ea
		15 m (50 ft.)		Connects HP 3000 to modem types 103 and 202S.	(30062B Opt 001)	<b>30062-60021</b> \$100.00 ea
Modem Eliminator Cables		1.5 m (5 ft.)		Unshielded	(13232U)	<b>5061-2403</b> \$53.00 ea
		5 m (16.7 ft.)		Shielded	--	<b>31390A</b> \$63.00 ea
Cables for 262X/267X-series Terminals		5 m (16.7 ft.)		U.S. Modems 103A, 202C/D/S/T, 212A, Vadic 3400 signal-compatible acoustic couplers. Also HP 1000, 2000 & 3000 System multiplexers.	(13222N)	<b>13222-60001</b> \$79.00 ea
		5 m (16.7 ft.)		European 103 or 202C Type modems. Shielded.	(13222M)	<b>13222-60002</b> \$79.00 ea
		2 m (6.6 ft.)		Standard RS-232C Communications	(13222C)	<b>13222-60003</b> \$53.00 ea
		5 m (16.7 ft.)		3-Wire cable with EMP protection from lightning-induced transients, when terminal hardwired to HP 1000, 2000 & 3000 Systems.	(13222Y)	<b>13222-60005</b> \$53.00 ea
		5 m (16.7 ft.)		HP 300 Computer Systems	(13222W)	<b>13222-60007</b> \$74.00 ea
		5 m (16.7 ft.)		HP 1000, 2000, 3000 Systems; U.S. Modems 103A, 202C/D/S/T, 212A, Vadic 3400 Modems; Acoustic Couplers (Signal Compatible Only). Shielded	(13242N)	<b>13242-60001</b> \$79.00 ea
		5 m (16.7 ft.)		European 202C Type Modems. Shielded	(13242M)	<b>13242-60002</b> \$79.00 ea
		5 m (16.7 ft.)		EMP Protect Cable. Shielded	(13242Y)	<b>13242-60005</b> \$74.00 ea

Connectors 1, 2, 3M, 3F, 4M, 4F see page 24; 2\* modified connector to include power protect relays; 5 is 48-pin connector.

# Cables and Connectors

## RS-232C Cables

Description	Connector	Length	Connector . . .	Wired For/Connects To	Other HP Equivalent	Order Number
Cables for 262X/267X - series Terminals		5 m (16.7 ft.)		RS-232 Compatible Serial Printer Such As 2601/2631/2635, Shielded	(13242G)	 <b>13242-60010</b> \$68.00 ea.
		5 m (16.7 ft.)		RS-232 Compatible Serial Printers, Shielded	(13242H)	 <b>13242-60011</b> \$68.00 ea.
Cables for 264X - series Terminals		4.5 m (15 ft.)		U.S. Modems 103A, 202C/D/S/T; signal-compatible acoustic couplers. Also HP 1000, 2000 & 3000 System multiplexers.	(13232A)	<b>02640-60043</b> \$53.00 ea.
		4.5 m (15 ft.)		Same capabilities as 02640-60043 above, plus U.S. Modems 212A and Vadic 3400.	(13232N)	<b>02640-60131</b> \$79.00 ea.
		4.5 m (15 ft.)		European Modems 202C	(13232M)	<b>5061-2409</b> \$79.00 ea.
		6.2 m (20 ft.)		HP 300 Computer Systems	(13232W)	<b>5061-2410</b> \$79.00 ea.
		15 m (50 ft.)		HP 1000/21MX Computers with HP 12531D or 12880A interfaces.	(13232B)	<b>02640-60058</b> \$105.00 ea.
		1.5 m (5 ft.)		Standard Async D.C. to non-HP Computer	(13232C)	<b>02640-60059</b> \$53.00 ea.
		4.5 m (15 ft.)		3-Wire cable with EMP protection from lightning-induced transients, when terminal hardwired to HP 1000, 2000 & 3000 Systems.	(13232Y)	<b>02640-60218</b> \$74.00 ea.
	Multi-point 1st Terminal		4.5 m (15 ft.)		U.S. Modems 103A, 202C/D/S/T; signal-compatible acoustic couplers. Also HP 1000, 2000 & 3000 multiplexers.	(13232P)
		4.5 m (15 ft.)		To 2nd Hp 264X Terminal		
Multi-point 2nd + Terminals		4.5 m (15 ft.)		Preceding 264X Terminal	(13232Q)	<b>02640-60133</b> \$95.00 ea.
		4.5 m (15 ft.)		Next 264X Terminal (or open)		
Multi-point 2nd + Terminals		4.5 m (15 ft.)		Power Protect Cable. If power fails on terminal to which connected, the terminals which follow can still operate.	(13232T)	<b>02640-60151</b> \$195.00 ea.
		4.5 m (15 ft.)				
		30 m (100 ft.)		Multi-point Extension Cable.	(13232R)	<b>02640-60134</b> \$79.00 ea.

Connectors 1, 2, 3M, 3F, 4M, 4F see page 24; 2\* modified connector to include power protect relays; 5 is 48-pin connector.



# Furniture and Accessories



HP 92210-Series Work Station Furniture

## Work Station Furniture

HP's Computer Work Station Furniture offers the variety of features needed to compose an attractive and comfortable work environment which compliments your specific HP system configuration. The modular design provides easy expansion capability for future systems growth.

- HP's high quality standards are met with
- non-tipping and non-flexing cantilever design
  - durable construction
  - attractive, long-lasting finish

Cable management convenience is provided on all tables and printer stands through a slot in the back



and grommetted holes in the shelf.



Color: Putty - which matches HP's Security/Storage Cabinets (92172), Paper Transporter (92173P) and CRT turntable (92171T) and compliments all of HP's computer products.

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**IMMEDIATE SHIPPING**

## Furniture and Accessories



HP 92210B Table With HP 92210E Return

**NEW** **92210A** Work Station Table – 48 in. Dimensions – Height: 686 mm (27 in.) Width: 1220 mm (48 in.); Depth: 763 mm (30 in.) Easy to assemble, requiring only a Phillips screwdriver. NOTE: Shipped by truck. Shipping weight — 45.4 kg. (100 lbs.)  
**QUANTITY** (1-2 tables) ... \$220.00 ea  
**DISCOUNT** (3+) ... 200.00 ea



**NEW** **92210B** Work Station Table – 60 in. Dimensions – Height: 686 mm (27 in.) Width: 1525 mm (60 in.); Depth: 763 mm (30 in.) Easy to assemble, requiring only a Phillips screwdriver. NOTE: Shipped by truck. Shipping weight — 52.2 kg. (115 lbs.)  
**QUANTITY** (1-2 tables) ... \$250.00 ea  
**DISCOUNT** (3+) ... 227.00 ea

**NEW** **92210E** Return for right side of Work Station Table (92210A/B). All tables are pre-drilled to accommodate returns at any time. Dimensions - Height: 686 mm (27 in.) Width: 1017 mm (40 in.); Depth: 610 mm (24 in.) NOTE: Shipped by truck. Shipping weight — 24.5 kg. (54 lbs.)  
**QUANTITY** (1-2 returns) ... \$150.00 ea  
**DISCOUNT** (3+) ... 136.00 ea

**NEW** **92210J** Modesty Panel for Return (92210E). Attaches to pre-drilled holes in the return and in the table leg. Use where full enclosure is desired. Dimensions - Height: 305 mm (12 in.) Width: 1373 mm (54 in.)  
**QUANTITY** (1-2 panels) ... \$35.00 ea  
**DISCOUNT** (3+) ... 31.00 ea

**NEW** **92210L** Casters. Set of 4 heavy duty double wheel casters. Use in place of leg levelers on any table or stand. Height: 45 mm (1.75 in.)  
**QUANTITY** (1-2 sets) ... \$25.00 set  
**DISCOUNT** (3+) ... 20.00 set



**NEW** **92210Q** Suspended Drawer Unit. Matching two-drawer unit for either side of the 92210A/B tables [Do not use with 92210A (48 in. table) when return (92210E) is used]. All tables are pre-drilled to accommodate suspended drawer unit. Deep bottom drawer has three-way storage versatility: letter size hanging files; legal size hanging files; and computer printout hanging binders.

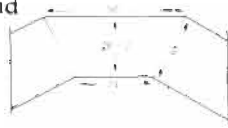


Dimensions - Height: 534 mm (21 in.); Width: 375 mm (14.75 in.); Depth: 493 mm (19.375 in.)  
 NOTE: Shipped by truck. Shipping weight — 23.5 kg. (51.7 lbs.)  
**QUANTITY** (1-2 units) ... \$190.00 ea  
**DISCOUNTS** (3+) ... 173.00 ea

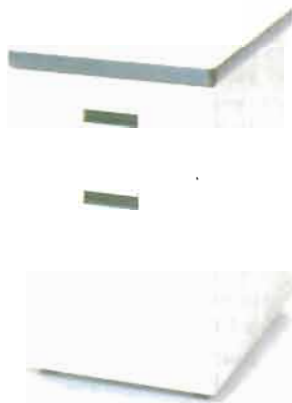
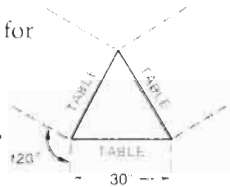


**NEW** **92210R** Storage Module for work station tables-92210A, B. Versatile storage unit for electronic equipment or supplies. Module is open in the rear for ventilation and access to the 92210A, B Work Station Tables' Cable Management System. Three-position adjustable shelf. Open area dimensions - Height: 378 mm (14.875 in.); Width: 488 mm (19.19 in.); Depth: 483 mm (19 in.) Overall dimensions - Height: 432 mm (17 in.); Width: 534 mm (21 in.); Depth: 458 mm (18 in.) Shipping weight — 10.3 kg. (22.6 lbs.)  
**QUANTITY** (1-2 units) ... \$75.00 ea  
**DISCOUNT** (3+) ... 68.00 ea

**NEW** **92210K Trapezoid Table Top Connector** for joining two tables (92210 A/B). All tables are pre-drilled. Brackets and screws are included.  
 Dimensions - Width: (back) 1271 mm (50 in.); (front) 610 mm (24 in.); Depth: 674 mm (26.5 in.)  
 Shipping weight - 20.0 kg. (44 lbs.)  
 QUANTITY (1-2) ..... \$140.00 ea  
 DISCOUNT (3+) ..... 127.00 ea



**NEW** **92210S Triangle Table Connector** for joining two or three 92210A/B tables. All tables are pre-drilled to attach this triangle connector. All hardware necessary for connecting 3 tables is included with the connector.  
 Shipping weight - 9.1 kg. (20.1 lbs.)  
 QUANTITY (1-2 units) ..... \$95.00 ea  
 DISCOUNT (3+) ..... 86.00 ea



**NEW** **92210N Mobile Drawer Unit.** Two-drawer unit rolls easily to any work station. Deep bottom drawer designed for letter or legal sized hanging files or printout hanging binders. Security for valuable materials provided with key lock. Compatible in table top height and materials with 92210A/B tables.  
 Dimensions - Height: 686 mm (27 in.); Width: 391 mm (15.375 in.); Depth: 508 mm (20 in.)  
 NOTE: Shipped by truck. Shipping weight - 30.6 kg. (67.5 lbs.)  
 QUANTITY (1-2 units) ..... \$230.00 ea  
 DISCOUNT (3+) ..... 210.00 ea



**NEW** **92210P Printer Stand.** This handsome printer stand is designed to match your HP Work Station Furniture or as a stand alone. The 30 X 24 in. top contains plenty of room for your HP printers. A convenient paper feed slot is also cut through the top to allow for bottom paper feeding. Easy to assemble, requiring only a Phillips screwdriver.

Printout catcher is included with your stand. It has a 1 1/2" opening between the back of the stand and the shelf to allow for rear paper feeding of your printer.  
 Dimensions -  
 Stand - Height: 686 mm (27 in.); Width: 762 mm (30 in.) Depth: 610 mm (24 in.)  
 Printout Catcher - Height: 152 mm (6 in.) Width: 432 mm (17 in.); Depth: 343 mm (13.5 in.)  
 NOTE: Shipped by truck. Shipping weight - 30.4 kg. (67 lbs.)  
 QUANTITY (1-2 stands) ... \$185.00 ea  
 DISCOUNT (3+) ..... 166.00 ea



HP92170A Table, HP92171A Copy holder (see page 33).

## Mobile Table for Terminals, Desktop Computers & Plotters

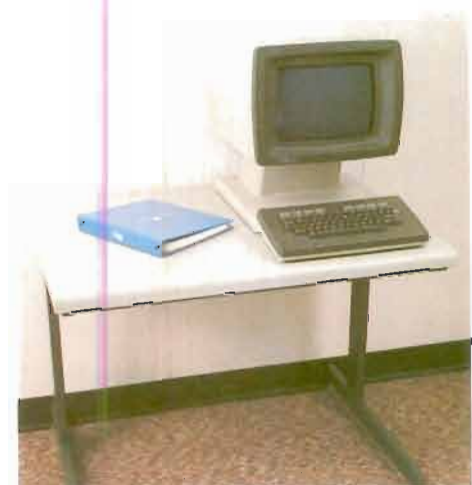
**92170A Mobile Table** is just the right size for your display terminals, desktop computers, plotters, thermal printers and other such items.

Large wood-grain-finish top 660 x 864 mm (26 x 34 in.) has plenty of room for paperwork or reference material. Height of top is 886 mm (27 in.) above floor.

The chrome pedestal is supported by a very stable five-footed base equipped with easy-rolling swivel casters.

This table is a useful and handsome addition to any work environment, and it is shipped fully assembled.

(NOTE: Shipped by truck.)  
 QUANTITY (1-2 tables) .... \$240.00 ea  
 DISCOUNT (3+) ..... 215.00 ea



## Work Station For HP Computer Products

**92170G Work Station Table** provides a very attractive and durable work surface easily integrated with a wide variety of HP computer equipment. This table is a perfect match in dimensions, form and color with the new HP 7908A Disc/Tape Drive. The pearl gray and cocoa brown steel table is designed to be a showcase for existing and future HP computers, terminals, plotters, thermal printers and other computer peripherals. The table will ship with everything for customer assembly (approximately 10 minutes).  
 Dimensions - Height: 720 mm (28.3 in.); Width: 930 mm (36.6 in.); Depth: 711.8 mm (28 in.)

(NOTE: Shipped by truck.)  
 QUANTITY (1-2 tables) .... \$230.00 ea  
 DISCOUNT (3+) ..... 209.00 ea

**CRT Turntable**  
 See 92171T, page 33



## Furniture and Accessories



Roll-up tambour door is securely locked on HP 92172A (left); door on HP 92172B (right) is fully open for easy access to media, documentation and supplies.

### Ready for immediate shipment

That's right, there's no waiting with HP! We keep these cabinets in stock—with all shelves and hanger bars already installed in place inside the cabinet—ready for shipment just as soon as we receive your order.



(Left): The 92172A and 92172B cabinets have a convenient roll-out shelf with fully adjustable width/depth dividers; ideal for small supplies like mini data cartridges, plotter pens, media labels, printwheels, etc. If desired, dividers may be totally removed for storing disc packs or other large items (Right): The second roll-out shelf is just right for holding 2 HP disc packs or 4 disc cartridges.



The HP 92172A cabinet is often used as a work space divider in offices and labs. And the durable top may be used as a standup work station for terminals or plotters (shown: HP 9872S Plotter).

### Storage Cabinets

We're pleased to offer four attractive cabinets to provide convenient storage and security for your media, documentation and supplies.

These cabinets are designed specifically to meet the media, documentation, and supplies storage requirements of all HP system users.

Storage features (shelf locations, etc.) have been optimized for the broadest range of requirements, and are the result of careful consultation with many HP users — ranging from those with smaller desktop computers and related instrumentation systems, to those with complete HP 3000 computer system installations.

These cabinets are extremely well built of welded steel for enduring strength and reliability, and with tambour roll-up doors of high-impact plastic for lightness and ease of use.

The roll-up door makes particularly efficient use of available space, which means more useful storage space inside the cabinet for your requirements. When the door is open, access to any part of the cabinet is easy. And with the door closed and locked, your valuable media, program listings and supplies are safe and secure.

Cabinets and doors are "putty" colored, to match or complement a wide range of HP products. In fact, these cabinets are right at home in office, laboratory and computer room environments. Their neutral color fits in with any decor.

Necessary attachments and instructions are included with all cabinets.

## New Library Tape Storage Unit

See page 33.



Makes convenient work station for plotters, thermal printers, and other peripherals.

Documentation storage shelf has 3 moveable dividers. Tall enough (35 cm; 13 7/8 in.) for metric A4 binders.

Mag tape hanger bar securely holds up to 35 reels in seals.

Hanger bar for printouts, with 20 printout hangers included with cabinet. (Mag tape can also be hung from this bar.)

Top roll-out shelf. Moveable (and removable) dividers form up to 14 compartments. Vertical clearance 12.7 cm (5 in.).

Bottom roll-out shelf. Vertical clearance 12.7 cm (5 in.).

Storage 38.7 cm (15 1/4 in.) high.

Storage 33.7 cm (13 3/4 in.) high.

Keyed lock for door.



## 92172A Work Station/Security Cabinet

Shelves are all pre-installed. Sent separately are the rugged walnut-grained plastic top, which affixes easily to top of cabinet—and the roll-out shelf dividers which you simply drop in place on either top or bottom roll-out shelf as you prefer. (Media and supplies pictured are not included in cabinet price).

Exterior dimensions: 119.5 cm (47 in.) high, 92 cm (36 1/8 in.) wide, 47 cm (18 3/8 in.) deep. Cabinet and door are both "putty" color.

Interior dimensions: 86 cm (33 3/4 in.) wide, 41 cm (16 1/8 in.) deep. See callouts above for interior height information.

NOTE: Shipped by truck.

Shipping weight — 120 kg. (263 lbs.)

Price ..... \$830.00 ea

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## 92172B Universal/Security Cabinet

Shelves and hanger bars are all pre-installed. Sent separately and included in the cabinet price are 20 printout hanger cartridges (light blue color; each cartridge holds printouts up to 2.5 cm (1 in.) thick), and the roll-out shelf divider unit which drops securely onto either top or bottom roll-out shelf (Media and supplies pictured are not included in cabinet price).

Exterior dimensions: 180 cm (71 in.) high, 92 cm (36 1/8 in.) wide, 47 cm (18 3/8 in.) deep. Cabinet and door are both "putty" color.

Interior dimensions: 86 cm (33 3/4 in.) wide, 41 cm (16 1/8 in.) deep. See callouts above for interior height information.

NOTE: Shipped by truck.

Shipping weight — 133 kg. (291 lbs.)

Price ..... \$995.00 ea

## Furniture and Accessories



Documentation shelf is tall enough (35 cm, 13 3/4 in.) for metric A4 binders.

Each mag tape hanger bar securely holds up to 35 reels in seals.

Each printout hanger bar holds up to 28 printout cartridges (Mag tape can also be hung from these bars).

Keyed lock for door.



### 92172C Printout/Documentation Security Cabinet

This cabinet has a documentation shelf at top for binders and storage. The printout hanger bars provide a unique method for storing computer printouts and make frequent retrieval of data convenient. Documentation shelf and printout hanger bars are all pre-installed (Binders and printout hanger cartridges pictured are not included in cabinet price).

Exterior dimensions: 180 cm (71 in.) high, 92 cm (36 1/8 in.) wide, 47 cm (18 3/8 in.) deep. Cabinet and door are both "putty" color.

Interior dimensions: 165 cm (65 in.) high, 86 cm (33 3/4 in.) wide, 41 cm (16 1/8 in.) deep.

NOTE: Shipped by truck.

Shipping weight — 105 kg. (231 lbs.)

Price ..... \$640.00 ea

### Printout Hanger Cartridges

Box of 10 cartridges for use with the 92172B and 92172C cabinets. (NOTE: 20 Lt. Blue Cartridges are included and shipped with each 92172B cabinet.)

Each cartridge can hold printout thicknesses up to 2.5 cm (1 in.) and has adjustable pins to hold any printout where the width between pin feed holes on each edge is between 28.5 and 37.9 cm (11 1/4-14 3/8 in.). Cartridges are hinged for easy loading and unloading. Self-adhesive labels are included.

**92172P** Box of 10 Lt. Blue Cartridges

**92172R** Box of 10 Red Cartridges

**92172Y** Box of 10 Yellow Cartridges

QUANTITY\* (1-2 boxes) . . . . \$37.00 box

DISCOUNT (3+) . . . . . 34.00 box

\*NOTE: Discounts apply to quantity purchase of single part numbers only.

### 92172D Magnetic Tape Security Cabinet

The tape hanger bars are designed to accommodate one-half inch of industry compatible magnetic tape in tape seal only. Up to 175 of either 600 ft., 1200 ft., or 2400 ft. reels of tape may be stored in any combination. Spring-loaded rear panel makes retrieval easy and fast. Mag tape hanger bars are all pre-installed (Media pictured is not included in cabinet price).

Exterior dimensions: 180 cm (71 in.) high, 92 cm (36 1/8 in.) wide, 47 cm (18 3/8 in.) deep. Cabinet and door are both "putty" color.

Interior dimensions: 165 cm (65 in.) high, 86 cm (33 3/4 in.) wide, 41 cm (16 1/8 in.) deep.

NOTE: Shipped by truck.

Shipping weight — 102 kg. (224 lbs.)

Price ..... \$690.00 ea



### 92172E Library Tape Rack.

**New** Organize your tapes and conserve valuable floor space. Our high density Library Tape Rack provides time and space saving organization of your magnetic tape. Up to 300 of either 600 ft., 1200 ft., or 2400 ft. tape reels in seals may be stored in any combination. Spring-loaded rear panel makes retrieval easy and fast. Library racks are pre-assembled for immediate use and are extremely well built for enduring strength and long life. Dimensions: 200 cm (79½ in.) high, 127 cm (49¾ in.) wide, 33 cm (13¼ in.) deep.

NOTE: Shipped by truck.  
Shipping weight — 37 kg. (80 lbs.)  
Price ..... \$270.00 ea

### Transporters

Add efficiency and organization to your computer room. These versatile transporters give you maximum maneuverability when moving media or supplies and are compatible in color and style with all HP computer equipment.

Transporters are extremely well built for enduring strength and long life. 1.9 cm (3.4 in.) security lip on all sides of shelves prevents media from sliding off. Transporters are equipped with rubber bumpers, two lockable front swivel casters and two fixed, non-lockable rear casters. Some assembly required. Instructions included.



HP 92173D Utility Transporter

**New** 92173D Utility Transporter. Designed for transport and storage of disc packs, disc cartridges, and forms. NOTE: Shipped by truck. Shipping weight: 36 kg (78 lbs.)  
Price ..... \$295.00 ea

### Paper Transporter

See 92173P on page 22.



HP 92173T Tape-In-Seal Transporter

**New** 92173T Tape-In-Seal Transporter. For magnetic tape transport and storage. Work surface top included.

NOTE: Shipped by truck.  
Shipping weight: 36 kg (79 lbs.)  
Price ..... \$320.00 ea

### Adjustable Copy Holder

92171A Copy Holder is easily adjusted; you can position it where you need it for the most efficient reading of copy (see photo page 29).

It clamps to vertical or horizontal surfaces up to 31.8 mm (1.25 in.) thick, and has a maximum reach of 762 mm (30 in.). The line guide is moveable, and friction locks securely hold the position you have selected.

QUANTITY (1-2 holders) ... \$51.00 ea  
DISCOUNT (3+) ..... 46.00 ea

### CRT Turntable

**New** 92171T CRT Turntable for properly positioning and sharing terminals. Turns 360 degrees (but not beyond) on a strong, positive-position ball bearing mechanism. The putty color matches HP's Computer Work Station Furniture (92210) and HP's Storage Security Cabinets (92172).



Dimensions - Height: 32 mm (1.25 in.); Width: 508 mm (20 in.); Depth: 610 mm (24 in.).  
QUANTITY (1-2 turntables) ..... \$59.00 ea  
DISCOUNT (3+) ..... 54.00 ea

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# Furniture and Accessories

## Static Control Floor Mats

Data error or loss are often the unwanted result of electrostatic voltages introduced to terminals and other computer equipment as it is touched by operating personnel.

These static charges build up when personnel walk around — with floor coverings such as nylon, acrylic or polyester carpets being the most troublesome. Even preferred floor coverings such as vinyl asbestos or high-pressure laminate can contribute to static build up in very dry environments having a low relative humidity.

Static control mats reduce this problem by draining away static voltages when stepped on by personnel, before they operate the equipment. Mats are usually placed directly in front of the equipment — although they may also be placed at a computer room entrance from a carpeted area.

HP offers two types of static control products. Static control mats — both hard and soft-surfaced with a grounding wire to drain away static charges and anti-static carpet mats in two attractive colors.

### STATIC CONTROL MATS

These mats are grounded so they can never become overloaded with a static charge. A 4.5 m (15 ft.) ground cable is included. It snaps to one corner of the mat with the other end connected to a convenient electrical ground.

#### 92175A Black Hard-Surfaced Mat.

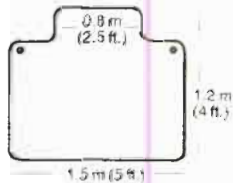
- Volume conductive
  - Castored chairs will roll easily on mat
  - Shaped to fit most desks/work stations
  - Anti-shock
- (NOTE: Shipped by truck.)

QUANTITY (1-2 mats) . . . . \$190.00 ea  
DISCOUNT (3+) . . . . . 170.00 ea

#### 92175B Chocolate Brown Soft-Surfaced Mat. 1.2 x 2.4 m (4 x 8 ft.).

- Intrinsic conductivity
- Standing comfort
- Cut-to-fit space requirements
- Non-slip
- Anti-shock

QUANTITY (1-2 mats) . . . . \$275.00 ea  
DISCOUNT (3+) . . . . . 245.00 ea



92175A Black, Hard-Surfaced Mat with grounding wire.

**ANTI-STATIC CARPET MATS**  
Carbon-impregnated filaments are woven into carpet so anti-static protection remains even after washing.

- Mats edge finished
- Non-skid backing
- Available in two colors (See photos)



Static Control Mat Colors, (left) Russet, (right) Natural.

Size: 1.2 x 1.8 m (4 x 6 ft.)

92176A Neutral color  
92176C Russet color  
QUANTITY (1-2 mats) . . . . \$115.00 ea  
DISCOUNT (3+) . . . . . 105.00 ea

Size: 1.2 x 2.4 m (4 x 8 ft.)

92176B Neutral color  
92176D Russet color  
QUANTITY (1-2 mats) . . . . \$170.00 ea  
DISCOUNT (3+) . . . . . 150.00 ea

## Cordless Tape Winder

12575C Tape Winder has no power cord to get in your way, yet you save the expense of replacing batteries. It will operate at least 30 minutes without recharging. Input voltage to the recharger is switchable 115/230 Vac, 50-60 Hz.

Winder has "touch to operate" trigger switch, and anodized aluminum tape plate with 3 pins.

QUANTITY (1-3 units) . . . . \$160.00 ea  
DISCOUNT (4+) . . . . . 140.00 ea



## Halon Fire Extinguishers (sold by HP in U.S. only)

Halon 1211 is a "clean" and especially effective fire extinguishing agent for use on or near computer equipment and media. It is easy to use, blankets a fire quickly, and penetrates obscured areas.

- leaves no residue
- no cold shock to equipment
- no electrical shock to user
- will not affect most delicate fabrics

HP's Halon fire extinguishers are quality constructed of heavy duty steel cylinders, with a corrosion and impact-resistant epoxy red finish. Yet, they are lightweight (about half as heavy as CO2 types), and easy to use. Includes mounting bracket. Currently sold by HP only in the U.S. Refillable.

**NEW** 92208B 5 lb. Extinguishing Capacity. (U/L Rated 10B: C)

QUANTITY (1-2) . . . . . \$85.00 ea  
DISCOUNTS (3+) . . . . . 78.00 ea

**NEW** 92208C 9 lb. Extinguishing Capacity. (U/L Rated 1A: 10B: C)

QUANTITY (1-2) . . . . . \$142.00 ea  
DISCOUNTS (3+) . . . . . 129.00 ea

**NEW** 92208D 13 lb. Extinguishing Capacity. (U/L Rated 2A: 40B: C)

QUANTITY (1-2) . . . . . \$182.00 ea  
DISCOUNTS (3+) . . . . . 167.00 ea

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# Software and Documentation



HP Series 80 Computer

## HP Series 80 Computer

### Graphics: HP Series 80

**Graphics Presentations.** Prepare Professional quality charts and overhead slides for management meetings, customer presentations, sales meetings, management reports, and much more. Text and illustrations can be easily prepared without programming. Simply respond to a series of easy to answer questions to generate text and pie, bar, or line charts. Text and chart labels can use 9 sizes and 3 types of letters. Text can be centered, underlined, or both. Graphs and charts can use 6 different types of lines or 6 types of hatching.

†(HP83: B, E, J, M; HP85: A, B, E, F, J)  
 00085-13038\* ..... \$200.00 ea

### Statistics/Mathematics: HP Series 80

**General Statistics.** A flexible set of easy to use statistical routines for data evaluation. Single and paired sample analysis, test statistics, continuous and discrete distributions, and multiple linear regression are included.

†(HP83: M)  
 00085-13003\* ..... \$95.00 ea

**Basic Statistics & Data Manipulation.** Provides common data base for statistics software pacs (excluding General Statistics above). Routines for data entry, editing, output, sorting, and transformation are included. Computes many basic statistics. †(HP83: M)  
 00085-13036\* ..... \$95.00 ea

**Regression Analysis.** Find the relationship between a dependent variable and one or more independent variables. Polynomial and multiple linear regression (including four variable-selection procedures) routines are provided. A table of residuals is printed. Data entry using Basic Stat & Data Manipulation pac above. †(HP83: L, M; HP85: L)  
 00085-13037\* ..... \$95.00 ea

**Linear Programming.** Solves a wide variety of optimization problems using a modified simplex method that incorporates variable bounds. Applications include chemical blending, production scheduling, profit optimization, and lots more. †(HP83: M)  
 00085-13011\* ..... \$95.00 ea

**Math.** Provides quick access to commonly employed mathematical routines used in calculus, numerical analysis, linear systems, geometry, and more. Full descriptions, plus relevant equations, examples, other helpful data. †(HP83: M)  
 00085-13005\* ..... \$95.00 ea

### Engineering: HP Series 80

**AC Circuit Analysis.** Model your circuit and examine its AC performance quickly and accurately. Determine steady state AC behavior of electrical networks including resistors, capacitors, inductors, voltage-controlled and independent current sources. †(HP83: M)  
 00085-13006\* ..... \$95.00 ea

**Waveform Analysis.** Performs fast Fourier transforms on frequency domain data. Computes correlation function and power spectrum, plus Fourier series coefficients. Double data block entry for cross correlation, power spectrum, and for convolution. Plot or print output. †(HP83: M)  
 00085-13035\* ..... \$95.00 ea

**Surveying.** Contains group of programs to aid surveyors in many of their most often encountered computations. Fast, easy calculations and maintenance of coordinate points for easy recall. †(HP83: M)  
 00085-13046\* ..... \$200.00 ea

### Business: HP Series 80

**VisiCalc™ PLUS.** This electronic work sheet is a powerful software tool for analysis and solution of complex business and scientific problems. Now enhanced with an extremely useful graphics capability. Any cell in a 254 x 63 matrix may contain a label, numeric value, or calculated result using other cells (1600 cells maximum). Makes financial planning and other analyses easy because the program automatically updates other rows and columns when changes are made. The "PLUS" is an ability to produce line, bar, and pie charts from row and column information without entering new data. †(HP83: B, E, J, K, M; HP85: A, B, E, F, J)  
 00085-13042\* ..... \$200.00 ea  
 VisiCalc™ is a registered trademark of Personal Software Inc.

\*Also available from authorized HP Personal Computer dealers, at this recommended price. For name and address of your local dealer, phone 800-547-3400; in Oregon, 503-758-1010.

HP Series 80 software terms, see inside back cover.

# Software and Documentation



HP Series 80 Computer And Software

## HP Series 80 (Cont.)

**Financial Decisions.** An easy to use aid in evaluating financial decisions. Programs include: compound interest, loan amortization, discounted cash flow, and depreciation. Interest conversions, bonds, notes, breakeven analysis, and odd days interest. †(HP83: M)

00085-13004\* ..... \$95.00 ea

**Text Editing.** Write memos, outlines and reports on the display screen. Edit copy, save it on tape or disc, or print it. Variable input/output of text files. Tab, plus add, delete, replace, renumber, and move lines. Matched string search and replace. †(HP83: B, K, M)

00085-13034\* ..... \$95.00 ea

**Information Management (IMPac).** Provides a powerful, flexible, system for data and file management. Each record can be 20 to 1024 bytes long. Fields can be defined as Alphanumeric, Numeric-Only, and Dollars. Has Create, Update, Search and Extend programs—plus a querying system, report writer, and extensive graphics capabilities. On flexible disc only. (Available after Nov. 1)

†(HP83: B, E, J, K, M; HP85: B, E, J, M)  
00085-13045\* ..... \$200.00 ea

## General/Utility: HP Series 80

**BASIC Training.** Self-teaching course for novice users. Proceed at your own pace. Prerecorded media provides guide to operation and programming. Prepares users for more advanced operations.

†(HP83: M)  
00085-13002\* ..... \$95.00 ea

**Games.** Provides an entertaining way to become familiar with the keyboard and operation of the HP 83/85 Personal Computer. †(HP83: M)

00085-13010\* ..... \$95.00 ea

\*Also available from authorized HP Personal Computer dealers, at this recommended price. For name and address of your local dealer, phone 800-547-3400; in Oregon, 503-758-1010.

HP Series 80 software terms, see inside back cover.

## Series 80 User's Library

A catalog of program abstracts that describes both HP-written and user contributed software. Applications include engineering, statistics and mathematics, physical and life sciences, business management, and many others. Annual membership in the Library includes a Library catalog with periodic updates, a price discount on all Library programs, special promotions, and access to lots of programming ideas. One year subscription price is \$40.00 (U.S. and Canada).

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1000 N.E. Circle Blvd.  
Corvallis, Oregon 97330

†Additional system elements, if required to operate Software Pac with HP83 or HP85 Mainframe:

- A ROM Drawer (HP 82936A)
- B Plotter/Printer ROM (HP 00085-15002)
- C Mass Storage ROM (HP 00085-15001)
- D I/O ROM (HP 00085-15003)
- E 16k Memory Module (HP 82903A)
- F HP-IB Interface (HP 82937A)
- G Serial Interface (HP 82939A) & Modem
- H Flex Disc Memory (HP 82900-series or 9895A)
- J Plotter (HP 7225B, w/HP17601A module)
- K Printer recommended
- L Basic Stats & Data Manipulation Software Pac (HP 00085-13036)
- M Items A, C, F & H listed above

### NEED SOFTWARE?

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HP 125A Personal Office Computer

## HP 125 Office Computer

### Graphics: HP 125

**NEW** **GRAPHICS/125.** Easy to use software provides sophisticated local graphics capabilities. No programming knowledge is required to use this software. Professional quality multicolor graphs and charts are created easily after filling in a menu on the computer display.

Numerical data is transformed into pie charts, bar charts, linear and logarithmic graphs. Graphics are produced on standard paper or overhead transparencies for group presentations.

Required: 7225B w/17601A Interface or 9872C plotter and cable.

45532A\* ..... \$200.00 ea

### Business: HP 125

**NEW** **VISICALC™/125.** Provides a powerful capability to manipulate rows and columns of numerical data shown on the computer display. Each entry may contain a label, number, or a mathematical formula. Data entry is simplified by entering one number and a formula to calculate the remaining numbers in a row or column. A full range of commands are available to calculate totals, averages, net

present values, trigonometric and math functions, and more.

"What if..." questions can be answered by easily changing assumptions and data in the worksheet. All numbers affected by the change are recalculated immediately and the new results are displayed. Any part of the worksheet (64 columns by 254 rows) can be viewed on the computer display by moving the cursor.

The worksheet can be sent to a printer or saved on disc for later use.

45531A\* ..... \$200.00 ea

VISICALC™ is a trademark of Personal Software Inc.

**NEW** **WORD/125.** A full feature word processor program designed for use by office personnel. The computer display screen shows the portion of text being edited. A variety of commands execute corrections, insertions, and move blocks of text on the screen. Finished text can be reviewed before printing. WORD/125 uses screen labeled function keys to provide a wide variety of powerful commands. The labeled keys guide the operator step-by-step through the entire document preparation process. WORD/125 also maintains and sorts mailing lists. Mailing lists can be merged with form documents to create "customized" letters.

Required: 2601A, or 2631B, or 2671A, or 82905B Serial Printer and cables or 45500A Opt 050 Thermal Printer.

45533A\* ..... \$500.00 ea

### General/Utility: HP 125

**NEW** **LINK/125.** An easy to use communications program that transfers data files between the HP 125 and HP 3000 computers. This software turns the HP 125 Personal Office Computer into a distributed processor. Remote files can be accessed, transferred to the HP 125, and processed locally. Results can be stored locally, output to printer, and transferred back to the HP 3000.

LINK/125 also provides pushbutton execution of predefined QUERY/3000 procedures with inquiry results reported back to the HP 125 screen or local files. Bidirectional file transfers are supported via hardwired or remote connections.

45534A\* ..... \$125.00 ea

**NEW** **BASIC/125.** The BASIC/125 interpreter provides one of the most extensive implementations of BASIC available on a microcomputer. Features and performance are provided that are found in languages operating on large minicomputers. BASIC/125 meets the requirements for the ANSI subset standard for BASIC, and it offers many advanced features such as PRINT USING, IF/THEN/ELSE, and ON ERROR GOTO.

45535A\* ..... \$325.00 ea

**NEW** **HP 125 Programming Package.** The Programming Package is designed for the programmer writing at the microcode level for the CP/M® operating system. Utility programs supplied include an assembler, loader, and debugger for 8080 and Z-80 microcode. Also included is a full reference manual describing the functions of the HP 125 system and how to programmatically access the feature set.

45536A\* ..... \$75.00 ea

\*Order software without option for 5¼ in. flexible disc. Order option 080 for 8 in. flexible disc at no additional cost.

HP Series 125 software terms, see inside back cover.



# Software and Documentation



HP 9825B/T Desktop Computer

## HP 9825B/T Desktop Computer

### Graphics: HP 9825

**HP 9876 Printer Utility Routines.** Allows production of specialized outputs on HP 9876 Printer; function plots, bar charts, characters 3.8 to 15.2 mm (1.5-6 in.).  
Required: 9876 Printer.

09876-10010 ..... \$200.00 ea

### Statistics/Mathematics: HP 9825

**Statistics (Vol. 1, General Statistics).** Provides 19 separate basic statistical analysis routines.

09825-15000 ..... \$100.00 ea

**Statistics (Vol. 2, Analysis of Variance & Regression Analysis).** Provides five different analysis of variance programs, three regression analysis programs and three distribution functions.

09825-15010 ..... \$100.00 ea

**Statistics (Vol. 3, Nonparametrics).** Contains ten nonparametric programs for single and paired samples.

09825-15020 ..... \$100.00 ea

**Statistical Library 1.** Contains Statistics Vols. 1, 2, and 3 above, complete with program cartridges and key overlays.  
09825-15030 ..... \$250.00 ea

**Stepwise Regression.** Performs complete regression analysis using one of four methods for selecting variables: stepwise, forward, backward or manual. Transformations and residual analysis are included.

Required: 9871 Printer.  
09825-15040 ..... \$200.00 ea

**Linear Programming.** Determines an optimum alternative among a large number of possibilities; e.g., mixing products/raw materials, time/profit in manufacturing, flow analysis.

09825-13750 ..... \$450.00 ea

### Engineering: HP 9825

**AC Circuit Analysis.** Calculates frequency response of linear circuits, including magnitude, phase, time and impedance, plus component tolerance effects.

09825-12500 ..... \$150.00 ea

**Waveform Analysis.** Provides capability to process digital signal data to achieve frequency domain and time domain measurements. Contains routines for single and double waveform analysis and Fourier series coefficients for equally or unequally spaced data.

Required: 9872 or 7225 Plotter.  
09825-12520 ..... \$400.00 ea

### General/Utility: HP 9825

**General Utility Routines.** Contains a collection of math sort, 9871 and 9866 plot routines, plus a self-teaching tape.  
NOTE: This software is supplied with each new 9825 computer.

Required: Matrix ROM.  
09825-10000 ..... \$150.00 ea

**Documentation Package.** Contains grams for annotated listings, indented listings, extended cross referencing, program comparison and calculating check sums without listing.

Required: 9871 Printer.  
09825-10020 ..... \$100.00 ea

**Terminal Emulator.** Provides a program to closely emulate a teletype-type terminal and a program to allow entry of an entire line into the display, to edit the line and send it to the computer.

Required: 9825B w/Systems Programming ROM or 9825T w/98036A Opt. 001.  
09825-10040 ..... \$100.00 ea

**HP 9030 System Exerciser.** Provides capability to verify proper functioning of the HP 9030. Includes self tests, analog input calibration test, and the ability to test all I/O channels.

Required: 9835B w/2240 Opt. 001 and 98034A HP-IB Interface.  
09825-10200 ..... \$500.00 ea

\*\* Contact your local sales office for details of product, support or pricing.  
HP Series 9825 software terms, see inside back cover.

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HP 9826A Desktop Computer

### HP 9826A Desktop Computer

#### Statistics/Mathematics: HP 9826

**NEW** **Numerical Analysis Pack (BASIC).** Contains routines for finding roots, numerical integration, ordinary differential equations, Eigen analysis, interpolation, general functions, and Fourier analysis (Available after Nov. 1).  
09826-10250 ..... \$500.00 ea

#### General/Utilities: HP 9826

**NEW** **BASIC Utilities Pack.** Contains programs for disc duplication and backup, program documentation, and demonstration programs to assist the user in getting started. NOTE: This pack is shipped with each new 9826. Required: Opt. 001 or Opt. 701.  
09826-10000\*\* ..... Contact Sales Office  
\*\*Contact your local sales office for details of product, support or pricing.  
HP Series 9825 software terms, see inside back cover.

### Desktop Computer Software Catalog: HP 9825, 9835 & 9845

Single reference source for HP-developed programs, 3rd-party software suppliers, and exchange library programs for HP 9825/9835/9845 desktop computers. Lists and describes several hundred programs including: engineering, math & statistics, life and physical sciences, business management, and utilities. Annual membership in SOFTWARE CATALOG SUBSCRIPTION SERVICE includes a catalog, several updates per year, and ability to order low-cost programs from the library.

Customers may obtain more information about this service or place their orders (attach check or money order for \$50.00) by writing to:

Hewlett-Packard Company  
SOFTWARE CATALOG  
SUBSCRIPTION SERVICE  
3404 E. Harmony Rd.  
Ft. Collins, Colorado 80525

### HP 9835 A/B Desktop Computer

#### Graphics: HP 9835

**Statistical Graphics.** Contains nine routines for plotting statistical data: time plot, histogram, probability plots, X-Y scatter plot, log-log plot, XYZ plot, and Andrews plot. Contains Basic Statistics & Data Manipulation software (09835-15000).  
Required: 9835A, External printer and plotter (or graphics printer).  
09835-15020 ..... \$500.00 ea

#### Statistics/Mathematics: HP 9835

**Basic Statistics & Data Manipulation.** Contains summary statistics as well as routines for entering, editing, naming, recording, sorting, transforming, and listing data for other statistics programs. Required: 9835A, External printer and plotter.

09835-15000 ..... \$200.00 ea

**General Statistics.** Provides parametric and non-parametric tests for single sample, paired sample, two independent sample and multiple sample data. Has distributions that eliminate the need for tables. Includes Basic Statistics (09835-15000) above.

Required: 9835A, External printer and plotter.  
09835-15030 ..... \$500.00 ea

**Regression Analysis.** Performs multiple linear regression as well as polynomial regression analysis. Variable selection methods using stepwise, forward, backward, or manual procedures. Includes Basic Statistics (09835-15000) above.

Required: 9835A, External printer and plotter.  
09835-15010 ..... \$500.00 ea

**Nonlinear Regression.** Using Marquardt's Method to fit non-linear models with up to ten parameters; allows residual analysis. Includes Basic Statistics (09835-15000) above.

Required: 9835A, External printer and plotter.  
09835-15040 ..... \$500.00 ea

HP Series 9835 software terms, see inside back cover.

# Software and Documentation



HP 9835A/B Desktop Computer

## HP 9835 A/B Desktop Computer Cont.

**Analysis of Variance.** Collection of routines for analysis of statistically designed experiments. Includes factorial, nested, split-plot, one-way, two-way unbalanced and one-way covariate designs. Also, routines for generating contrasts, orthogonal polynomials, multiple comparisons and interaction plots. Includes Basic Statistics (09835-15000) above.

Required: 9835A, External printer and plotter.

09835-15070 ..... \$500.00 ea

**Numerical Analysis.** Contains seven main sections for finding roots, numerical integration, solving ordinary differential equations, Eigen analysis, interpolation, general functions, and Fourier analysis. Required: 9835A, External printer and plotter.

09835-10250 ..... \$500.00 ea

## Engineering: HP 9835

**AC Circuit Analysis.** Calculates frequency response of linear circuits. Magnitude, phase, time and impedance plots are available. Plots can include effects of component tolerance.

Required: 9835B w/plotter.

09835-12520 ..... \$500.00 ea

**Waveform Analysis.** Provides discrete mathematical representation of data via Fourier transform and associated algorithms such as convolution and correlation. Output is display, print or plot.

Required: 98338A ROM plus external printer and plotter.

09835-12500 ..... \$500.00 ea

**Linear Systems Analysis.** Provides classical tools needed for analyzing single input/output linear systems. System can be in form of control system block diagram or simple transfer function in LaPlace notation. Analysis plots include root locus, Nyquist, step and impulse response, and Bode.

Required: 9835A, Opt. 201 plus plotter.

09835-15190 ..... \$500.00 ea

## General/Utility: HP 9835

**Utility Library.** Contains sections for sorting, numerical analysis, information management, finance, and statistics. Each section has several related programs and/or subroutines. NOTE: This pack is supplied with each new 9835.

Required: External printer.

09835-10000 ..... \$300.00 ea

## Asynchronous Terminal Emulator.

Provides asynchronous terminal capability for the 9835.

09835-10040\*\* ..... Contact Sales Office

**2780/3780 Terminal Emulator.** Provides bisynchronous terminal capability for the 9835A.

09835-10190\*\* ..... Contact Sales Office

## High Speed Asynchronous Terminal Emulator.

Provides asynchronous terminal capability for the 9835A.

09835-10180\*\* ..... Contact Sales Office

## 9825 HPL to 9835 BASIC Translator.

Provides aid in translating programs written in 9825 HPL into 9835 BASIC.

09835-10030\*\* ..... Contact Sales Office

## HP 85 to 9845/9835 Data Utilities.

Will allow a 9835 or 9845 to read data from a tape generated by a HP 85.

09835-10050\*\* ..... Contact Sales Office

**Hard Disc Utilities.** Allows rapid disc back-up for systems using hard discs.

09835-15200\*\* ..... Contact Sales Office

**Flexible Disc Utilities.** Provides utilities for use with flexible disc.

09835-15220\*\* ..... Contact Sales Office

**IBM Flexible Disc Utilities.** Provides utilities for use with IBM flexible disc.

09835-15230\*\* ..... Contact Sales Office

\*\* Contact your local sales office for details of product, support or pricing.

HP Series 9835 software terms, see inside back cover.

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HP 9845C Desktop Computer

## HP 9845B/C Desktop Computer

### Graphics: HP 9845

**Graphics Presentations (9845B/T).** Produces professional quality, highly effective bar, line and pie charts for management reports and presentations. Features four types of characters. Can be used to create overhead transparencies as well as charts.

**Required:** 9845B w/98411B (Opt. 311) Graphics ROM and 9872 Plotter. 9845T requires 9872 Plotter.

09845-10540 ..... \$750.00 ea

**Graphics Presentations (9845C).** Same capabilities as for the 9845B/T above (09845-10540), but adds the color graphics capabilities of the 9845C.

**Required:** 9845C and 9872B/C Plotter.

09845-15230 ..... \$750.00 ea

**2-D Graphics Utilities (9845B/T).** Contains 50 subprograms for figure construction and manipulation in two dimensions. Includes data base set-up and initialization routines.

**Required:** 9845B w/98411B Graphics ROM or 9845T.

09845-10050 ..... \$500.00 ea

**3-D Graphics Utilities (9845B/T).** Contains over 50 subprograms for three dimensional figure construction and manipulation including digitizer input, a flexible graphics data base, and advanced algorithms for polygon clipping and hidden surface removal.

09845-10060\*\* ..... Contact Sales Office

**3-D Graphics Utilities (9845C).** Same capabilities as for the 9845B/T (09845-10060) above, modified for use of color with the 9845C.

09845-10080\*\* ..... Contact Sales Office

### Statistics/Mathematics: HP 9845

**Basic Statistics & Numerical Analysis.** Contains summary statistics as well as routines for entering, editing, naming, recording, sorting, transforming, and listing data for other statistics programs. **Required:** 9845B/C.

09845-15100 ..... \$200.00 ea

**General Statistics.** Provides parametric and non-parametric tests for single sample, paired sample, two independent sample and multiple sample data. Has distributions that eliminate the need for tables. Includes Basic Statistics (09845-15100) above.

**Required:** 9845B/C w/Opt. 311, 560, 700.

09845-15130 ..... \$500.00 ea

**Regression Analysis Methods.** Performs multiple linear regression as well as polynomial regression analysis. Variable selection methods using stepwise, forward, backward, or manual procedures. Includes Basic Statistics (09845-15100) above.

**Required:** 9845B/C w/Opt. 311, 560, 700.

09845-15110 ..... \$500.00 ea

**Nonlinear Regression.** Using Marquardt's Method to fit nonlinear models with up to ten parameters; allows residual analysis. Includes Basic Statistics (09845-15100) above.

**Required:** 9845B/C w/Opt. 311, 560, 700.

09845-15140 ..... \$500.00 ea

**Analysis of Variance.** Collection of analysis routines for statistically designed experiments. Includes factorial, nested, split-plot, one-way, two-way unbalanced and one-way covariate designs. Also, routines for generating contrasts, orthogonal polynomials, multiple comparisons and interaction plots. Includes Basic Statistics (09845-15100) above.

**Required:** 9845B/C w/Opt. 311, 560, 700.

09845-15170 ..... \$500.00 ea

**Monte Carlo Simulation Utilities.** Includes advanced random number generators, random deviate generators for various statistical distributions. Also series of tests which aid in evaluation of simulation studies.

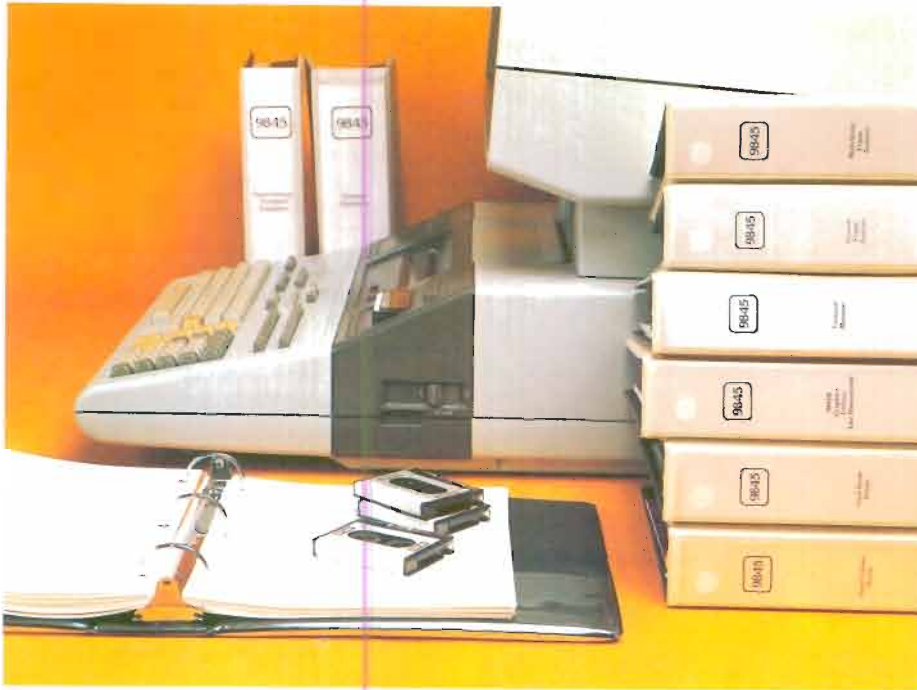
**Required:** 9845B/C.

09845-15160 ..... \$500.00 ea

\*\* Contact your local sales office for details of product, support or pricing.

††† Series 9845 software terms, see inside back cover.

# Software and Documentation



HP 9845B Desktop Computer

## HP 9845 B/C (Con't.)

**Principal Components and Factor Analysis.** Multivariate analysis including computation of principal components, factor extraction (principal axes, or maximum likelihood method), factor rotations, (orthogonal or oblique), and plots of case scores. Includes Basic Statistics (09845-15100) above.

Required: 9845B/C w/Opt. 150 or 250.  
**09845-15080** ..... \$500.00 ea

**Statistical Graphics.** Contains nine routines for plotting statistical data: time plot, histogram, probability plots, X-Y scatter plot, log-log plot, XYZ plot, and Andrews plot. Contains Basic Statistics (09845-15100) above.

Required: 9845B/C w/Opt. 311, 560, 700 and 9872 Plotter.  
**09845-15200** ..... \$500.00 ea

**Numerical Analysis Library.** Contains seven main sections for finding roots, numerical integration, solving ordinary differential equations, Eigen analysis, interpolation, general functions and Fourier analysis.

Required: 9845B/C.  
**09845-10350** ..... \$500.00 ea

**Linear Programming.** Stores problems, allows modification; gives solutions and prints sensitivity analysis.

**09845-10600\*\*** ..... Contact Sales Office

## Engineering: HP 9845

**AC Circuit Analysis.** Calculates frequency response of linear circuits. Magnitude, phase, time and impedance plots are available. Plots can include effects of component tolerance.

Required: 9845B/C w/Opt. 150 or 250.  
**09845-12620** ..... \$500.00 ea

**Waveform Analysis.** Provides discrete mathematical representation of data via Fourier transform and associated algorithms such as convolution and correlation. Output is display, print or plot.

Required: 9845B/C w/Opt. 150 or 250.  
**09845-12600** ..... \$500.00 ea

**Linear Systems Analysis.** Provides classical tools needed for analyzing single input/output linear systems. System can be in form of control system block diagram or simple transfer function in LaPlace notation. Analysis plots include root locus, Nyquist, step and impulse response, and Bode.

Required: 9845B/C w/Opt. 150 or 250.  
**09845-15190** ..... \$500.00 ea

**Digital Simulation.** Gate-level simulation of digital logic networks. Allows timing and logic analysis with tabular or graph output.

Required: 9845B/C w/Opt. 150 or 250.  
**09845-12610** ..... \$750.00 ea

**Digital Filter Design.** Provides programs to design filters and analyze the design using frequency response plots. Calculate coefficients for Finite Impulse Response filters and Infinite Impulse Response filters. Plots can be output to display screen, internal printer, or optional plotter.

Required: 9845B/C w/Opt. 150 or 250.  
**09845-12920** ..... \$750.00 ea

## Business: HP 9845

**Forecasting.** Allows time series data to be analyzed, smoothed, forecast, plotted using a variety of statistical techniques.

Required: 9845B/C w/Opt. 311, 560, 700.  
**09845-10610** ..... \$500.00 ea

**Project management.** Analyzes project networks, using PERT, CPM, and MPM techniques. Includes GANTT chart output.

Required: 9845B/C w/Opt. 311, 313, 560, 700, 9885M/S.  
**09845-11100** ..... \$500.00 ea

**Text Management.** Text editing with character-editing capabilities of a word processor, including assembly/merge, hyphenation, search/replace and many others.

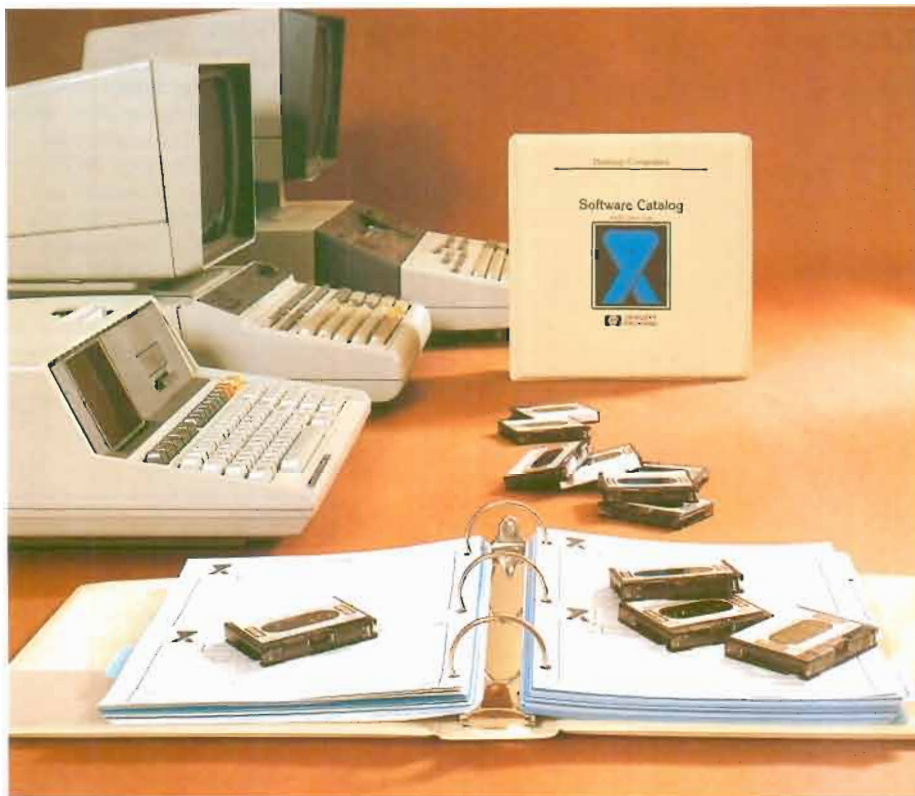
Required: 9845B w/Opt. 150 (or 9871 or 2631)  
**09845-10620** ..... \$500.00 ea

**List Management.** Manages a names file sorting, sublisting, editing, and other listing needs.

Required: 9845B/C w/Opt. 560, 600 (or 9871 or 2631).  
**09845-10630** ..... \$500.00 ea

\*\*Contact your local sales office for details of product, support or pricing.

HP Series 9845 software terms, see inside back cover.



HP Desktop Computers

### HP 9845B/C (Con't.)

#### General/Utilities: HP 9845

**Computer Games Library.** Provides various computer games to allow the user to become familiar with the 9845B; provides input and output examples.

Required: 9845B w/Opt. 150.

09845-10110 ..... \$100.00 ea

**Graphics Tablet Utilities (9845B/T with 9111A).** Includes drawing utility, graphics editor and menu utility that are useful in creating graphics, flowcharts, schematics, and interpreting menus.

Required: 9845B w/Opt. 150.

88100A ..... \$525.00 ea

**Graphics Tablet Utilities (9845C with 9111A).** Same capabilities as for 9845B/T (88100A) above, for use with the 9845C.

Required: 9845C.

88101A ..... \$525.00 ea

#### HP 85 to 9835/9845 Data Utilities.

Allows a 9835 or 9845 (A or B) to read a HP 85 data tape.

09835-10050\*\* ..... Contact Sales Office

**Terminal Manager.** Allows data entry from up to seven terminals.

09845-10160\*\* ..... Contact Sales Office

#### Asynchronous Terminal Emulator.

Provides asynchronous terminal capability for the 9845B; including line mode and character mode terminal emulation.

09845-10140\*\* ..... Contact Sales Office

#### High Speed Asynchronous Terminal

**Emulator.** Provides asynchronous terminal capability for the 9845B/C. Line mode and character mode terminal mode emulations are included.

09845-10180\*\* ..... Contact Sales Office

**2780/3780 Terminal Emulator.** Provides bisynchronous terminal capability for the 9845B/C.

09845-10190\*\* ..... Contact Sales Office

**Distributed Systems 45/35.** Provides terminal emulation and file transfer to an HP 3000 configured for distributed system networking. Also provides break-mode capability and file transfer to an HP 1000 configured for distributed system networking.

09845-10210\*\* ..... Contact Sales Office

**Hard Disc Utilities.** Allows rapid disc back-up for systems using hard discs.

09845-10070\*\* ..... Contact Sales Office

**Flexible Disc Utilities.** Offers utility programs for use with HP flexible disc mass storage devices.

09845-10090\*\* ..... Contact Sales Office

**IBM Flexible Disc Utilities.** Offers utility programs for use with IBM and HP formatted discs.

09845-10740\*\* ..... Contact Sales Office

**HPL to 9845B Basic Translator.** Provides aid in translating HPL programs into 9845B BASIC language.

09845-10130\*\* ..... Contact Sales Office

**Query 45.** Data Base Management interactive inquiry program. Performs data base definition, data retrieval, updating, and listing.

98428A\*\* ..... Contact Sales Office

**DBM/Statistics Linkage.** Offers a capability to format QUERY/45 data for use with statistics programs; also enters Basic Statistics data into data base.

09845-14830\*\* ..... Contact Sales Office

**Forms Utility.** Provides the ability to create a form image on the CRT and display data on it.

09845-10170\*\* ..... Contact Sales Office

**Utility Library.** Contains programs for graphics, finance, statistics, numerical analysis, sorts and information management. Supplied free with each 9845B/C.

09845-10200\*\* ..... Contact Sales Office

**Utilities II Library.** Provides a variety of useful and powerful utilities.

09845-10150\*\* ..... Contact Sales Office

**Advanced Graphics Utilities.** Provides a set of programming tools for color input and output; with application examples. Supplied free with each 9845C.

09845-10230\*\* ..... Contact Sales Office

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HP Series 9845 software terms, see inside back cover.

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# Software and Documentation



HP 2647A Intelligent Terminal

## HP 2647A Intelligent Graphics Terminal

### Graphics: 2647

**NEW** **Multiplot and Slide Software (Rev. F.)** Produce professional quality charts and slides for presentations and reports. Numeric data can be plotted quickly and easily in the form of pie, bar and line charts. Text slides can be produced. Multicolor charts and overhead transparencies are previewed and modified on the terminal screen before sending to an HP graphics plotter or printer. NOTE: Rev. F supports the 9872C Plotter.

02647-13301 ..... \$48.00 ea

**NEW** **Graphics Presentation Resource Pac.** Contains a variety of useful programs which can be used to prepare graphical presentations of data. The user is guided by an easy to use command menu. Programs allow the user to produce a variety of business graphics such as enhanced pie, bar, and linear charts. Additional programs allow the user to create flowcharts, diagrams and organization charts; and electronic circuit drawings.

13257B ..... \$195.00 ea

### Statistics/Mathematics: 2647

**NEW** **Statistical Analysis Resource Pac.** Offers a variety of programs that provide solutions to the most frequently used statistical operations: basic statistics, curve fitting, regressions, analysis of variance, confidence limits, and more. Many programs provide optional graphical output capability.

13257D ..... \$195.00 ea

**NEW** **Mathematical Analysis Resources Pac.** Offers a variety of programs that provide solutions to the most frequently used mathematical operations. Programs are included for: differentiation, integration, finding roots of polynomials, interpolation, matrix and vector operations.

13257C ..... \$195.00 ea

### Business: 2647

**NEW** **Project Management Analysis Resource Pac.** Offers a variety of easy to use programs to assist project managers to improve planning, control and overall decision making of their projects. Easy to communicate visual representations of project status and organization are provided with optional graphic display and color plotter output. Time value of money programs are included, along with CPM and Gantt Chart programs.

13257F ..... \$195.00 ea

### General/Utilities: 2647

**NEW** **2647/1351 Basic.** Provides the software for a flexible, high resolution design graphics workstation using the 2647 with the HP 1351A Graphics Translator and the HP 1310B Graphics Display. AGL Graphics Program output is plotted on the 1310 Display. The 2647/1351 BASIC uses the same BASIC/AGL commands and syntax as HP Terminal BASIC except for some cursor control functions not supported on the 1310S/1351A. Graphics can be sent to HP's new multicolor 8-pen and large format plotters.

13257K ..... \$150

HP Series 2647 software terms, see inside back cover.

## Plotting Software

**HP-PLOT/21 High-Level Graphics Subroutines, for HP7221 Plotters.** Contains over 75 user-callable subroutines including labeled axes, area masking, polygon shading, four data scaling methods, and multiple character font selection. Subroutines are in FORTRAN source language form (ANSI X3.9-1966). For HP3000 computers as listed below, and most others using ASCII character code.

**HP-PLOT/21 for HP3000 computers; on 800-CPI, 9-track magnetic tape (This software is same as HP equivalent order number 72021C, Opt. 001).**

72021-14000 ..... \$500.00 ea

**HP-PLOT/21 for HP3000 computers; on 1600-CPI, 9-track magnetic tape (This software is same as HP equivalent order number 72021C, Opt. 002).**

72021-14001 ..... \$500.00 ea

**Industry Standard Plotting Package (HP-ISPP).** Provides 13 user-callable subroutines for HP7220C/T, 7225B/17603A, 7225B/17604A, 7240A, and 7580A graphics plotters & plotter/printers. Subroutines AXIS, FACTOR, LINE, NEWPEN, OFFSET, PLOT, PLOTS, SCALE, SYMBOL, and WHERE provide compatibility with many existing programs. Other routines access high level plotter capabilities. Source format (ANSI X3.9-1966) for computer systems using ASCII code.

**HP-ISPP on 800-BPI, 9-track magnetic tape (This software same as HP equivalent 17580A, Opt. 001).**

17580-14000 ..... \$200.00 ea

**HP-ISPP on 1600 BPI, 9-track magnetic tape (This software same as HP equivalent 17580A, Opt. 002).**

17580-14001 ..... \$200.00 ea

## Self-Paced Learning



### Learning COBOL II/3000

This is an entry level course to teach beginning programmers or programmers who have experience with other languages to write COBOL II programs interactively on the HP 3000 computer. It has no formal prerequisites but familiarity with basic computer concepts is desirable.

#### Course Features:

- Self-paced learning via audio cassettes
- "Learn by doing" interactive worksessions
- Quiz and response sections to continually test knowledge
- Integrated use of standard HP documentation

#### Course Content:

- Simple COBOL programming
- Program variations
- The structure and syntax of COBOL
- Simple arithmetic statements, comments, diagnostics
- Advanced arithmetic and control statements
- Additional data concepts
- All about files
- Applied interactive COBOL

22832A Learning COBOL II/3000. Course materials include: Set of 9 audio cassettes (playable on any standard cassette player) with storage binder, 1 student workbook, 1 *COBOL II/3000 Reference Manual* and 1 *Using the HP 3000 Manual*. Course completion time is approximately 25 hours.

Price ..... \$475.00 ea

22832-93001 Learning COBOL II/3000 Student Workbook. Extra workbook for course.

Price ..... \$40.00 ea



### Using HP Decision Support Graphics/3000

If your HP 3000 has Decision Support Graphics/3000 Software and you want to learn how to use it, this self-paced learning course is your answer. In following the modules, you will learn the procedure of chart design from conception to plotter output. This course is designed for non-programmers, managerial, administrative and clerical people. The only prerequisite is completion of *A Guided Tour* (see 22835A) or equivalent knowledge of the HP 3000.

#### Course Features:

- Extensive interactive use of DSG/3000
- General graphing concepts as foundation for effective use of DSG/3000
- Integrated use of standard HP documentation

#### Course Content:

- Introduction — Graphing concepts and terminology
- Bar chart design
- Plotter output
- Line chart, scattergram, pie chart design
- Chart enhancement
- Advanced chart design

There are system requirements. Hardware needed: HP 3000, HP 2647A or HP 2648A Terminal. One of the following plotters is recommended but not required: HP 7221A/B/C/S/T, HP 9872A/B/C/S/T, HP 7245A/C, HP 7225A (17601 or 17604). Software needed: Decision Support Graphics/3000 installed on your HP 3000.

22833A Using HP Decision Support Graphics/3000. Course materials include a 1600 BPI magnetic tape, 2 sets of self-paced booklets (5 booklets per set), Graphing textbook, DSG/3000 manual, DSG/3000 guide, chart sample booklet, plotter pens, paper and complete instructions for the System Manager to install the course on your HP 3000. One terminal per user is required. Course completion time is approximately 10 hours.

Price ..... \$275.00 ea

22833-60001 Self-Paced Booklets. Extra set of booklets for DSG/3000 course.

Price ..... \$80.00 set

### HP 3000: A Guided Tour

*A Guided Tour* is a self-paced learning course that acquaints you with the range of information handling tools that are directly available on your HP 3000. It is designed for all non-programmers, administrative, clerical, professional people who want to know about and use the HP 3000 Computer System.

#### Course Features:

- Interactive dialogue
- Immediate hands-on experience
- Independent modules selectable for individual needs and pace
- Coverage of utilitarian HP 3000 subsystems

#### Course Content:

- General concepts — Operating the terminal, logging on and off, executing a program
- Issuing commands — Commonly used commands discussed, HELP facility and user commands.
- File system — Files on the HP 3000; what they are, how they are used and how to access them
- Account structure — Discussion of security/user structure
- Entering date — Application program used to explain data entry functions
- Data bases — Discussion of how data is stored after entry and how QUERY can be used to access the data
- Entering text — A brief lesson in EDIT/3000. Introduces you to the idea of using the computer for such common tasks as report generation

There are system prerequisites for the course. Hardware needed: HP 3000, HP terminal which supports V/3000 (block mode). Software needed: MPE date coded 2011 or later, Editor, IMAGE/3000, QUERY/3000 and V/3000.



## Software and Documentation

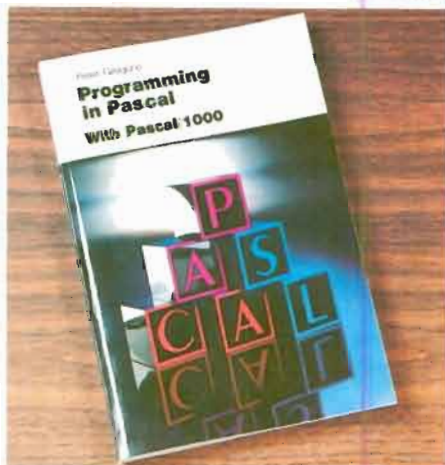


**22835A HP 3000: A Guided Tour.** Course materials include a 1600 BPI magnetic tape, three sets of self-paced booklets (one terminal per user is required), and complete instructions for the Systems Manager to install the course on your HP 3000. Course time is approximately 7 hours.

Price ..... \$185.00 ea

**22835-60001 Self-Paced Booklets.** Extra set of booklets for *A Guided Tour*.

Price ..... \$30.00 set



### Programming in Pascal with Pascal/1000

This 379-page book will help you get started in programming with Pascal. It explains the computer programming language Pascal, as described by the DRAFT ANSI Standard and the enhancements to standard Pascal provided by the Hewlett-Packard Pascal/1000 Compiler. Throughout the 10 chapters, each extension to standard Pascal is identified and a separate appendix section summarizes the differences between standard Pascal and HP Pascal/1000. The book assumes no prior knowledge of other programming languages and is written for those who want to write Pascal programs.

**92832-90002 Programming in Pascal with Pascal/1000 (Hewlett-Packard Edition)** by Peter Grogono.

Price ..... \$25.00 ea



## Computer Reference Manuals

The following is a partial listing of Hewlett-Packard computer reference manuals. This list represents only the most-often-ordered publications and is provided to assist you in locating part numbers for current popular manuals.

If you have technical questions concerning computer products in general, please contact your local HP sales office. See listing at back of catalog.

### Computer Peripheral Reference Manuals

#### TAPE DRIVES

##### 7970 Series Operating

Manual ..... 07970-90885

**7970B/E Service Manual** .... 07970-90887

#### DISC DRIVES

**7906 Service Manual** ..... 07906-90903

##### 7920A Operating & Service

Manual ..... 07920-90001

**7925 User's Manual** ..... 07925-90901

#### PRINTERS

##### 2630 Printer Family Service

Manual ..... 02631-90910

##### 2630B Family Service

Manual ..... 02631-90919

##### 7240A Plotter/Printer Operating & Programming Manual using

HP-GL Instructions ..... 07240-90000

##### 7245B Plotter/Printer Operating & Programming Manual using

HP-GL Instructions ..... 07245-90010

#### PLOTTERS

##### 7220 CT Graphics Plotter Operating & Programming Manual using

HP-GL Instructions ..... 07220-90003

##### 7221 CT Graphics Plotter Operating & Programming Manual ..

07221-90024

##### 7580A Drafting Plotter Operating & Programming Manual using

HP-GL Instructions ..... 07580-90000

##### 7580A Drafting Plotter

Operator's Manual ..... 07580-90002

##### 7580A Drafting Plotter

Reference Card ..... 07580-90003

#### TERMINALS

**2621 A/P Owner's Manual** . . . 02620-90001

##### 264X Composite Service

Manual ..... 02640-90170

**2645A User's Manual** ..... 02645-90001

**2647A User's Manual** ..... 02647-90001

### Personal/Desktop Computer Reference Manuals

#### HP-85 Owner's Manual

(English) ..... 00085-90002

#### HP-85 Owner's Manual

(German) ..... 00085-90020

#### HP-85 Pocket Guide

(English) ..... 00085-90040

#### HP-85 I/O ROM Manual

(English) ..... 00085-90142

#### 9825A/B Pocket Reference

Guide ..... 09825-90012

#### 9835A/B Operating & Programming

Manual ..... 09835-90000

#### 9835A/B BASIC Language Interfacing

Concepts ..... 09835-90600

#### 9845B/C BASIC Programming

Manual ..... 09845-93000

#### 9845B/C Quick Reference

Manual ..... 09845-93015

### HP 250 Reference Manuals

#### MFG/250 Reports

Brochure ..... 45180-90080

#### HP 250 Site Selection

Guide ..... 45251-90040

### HP 1000 Reference Manuals

#### OPERATING SYSTEM

##### RTE-IVB Getting Acquainted with

Manual ..... 92068-90001

##### RTE-IVB Quick Reference

Guide ..... 92068-90003

##### RTE-IVB Programmer's Reference

Manual ..... 92068-90004

## HP 1000 Reference Manuals (Cont.)

RTE-IVB Systems Manager Manual .....	92068-90006
RTE-IVB Utility Program Reference Manual .....	92068-90010
RTE-L/XL Operator's Guide .....	92070-90002
RTE-L Quick Reference Guide .....	92070-90020

### SUBSYSTEM/APPLICATIONS

DOS/RTE Library Reference Manual .....	24998-90001
DS/1000-IV User's Manual ..	91750-90002
EDIT/1000 User's Guide ..	92074-90001
Data Cap/1000-II Software Reference Manual .....	92080-90001
Graphics/1000-II Programmer's Reference Manual .....	92841-90001

### LANGUAGE

RTE FORTRAN IV Reference Manual .....	92060-90023
IMAGE/1000 Reference Manual .....	92069-90001
PASCAL/1000 Reference Manual .....	92832-90001
Programming in PASCAL ..	92832-90002
RTE FORTRAN 4x Reference Manual .....	92834-90001

### GENERAL INFORMATION

HP-1000 E-Series Computer Operating & Reference Manual .....	02109-90014
Site Preparation and Planning Workbook .....	02170-90016
Data Systems Customer Support Handbook (2114/15/16, 2100, 21 MX-M & -E Series) .....	5950-3767
HP 1000 M/E/F Technical Reference Handbook .....	5955-0282

## HP 3000 Reference Manuals

### OPERATING SYSTEM

MPE Commands Reference Manual .....	30000-90009
MPE Intrinsic Reference Manual .....	30000-90010
MPE Segmenter Reference Manual .....	30000-90011
MPE Console Operator's Guide .....	30000-90013
MPE IV Systems Manager/Systems Supervisor Reference Manual .....	30000-90014
MPE IV System Utilities Reference Manual .....	30000-90044
Index to MPE Reference Documents .....	30000-90045
Software Pocket Guide .....	30000-90049
Using Files - A Guide for New Users .....	30000-90102

### SUBSYSTEM/UTILITY

EDIT Reference Manual .....	03000-90012
F Copy Reference Manual .....	03000-90064
QUERY Reference Manual .....	30000-90042
KSAM Reference Manual ..	30000-90079
V/3000 Reference Manual ..	32209-90001
V/3000 Operator's Quick Reference Guide .....	32209-90003
Using V/3000 .....	32209-90004
SORT/3000 Reference Manual .....	32214-90001
IMAGE/3000 Reference Manual .....	32215-90003

### LANGUAGES

BASIC/3000 for Beginners .....	03000-90025
BASIC/3000 Pocket Guide ..	03000-90050
Using the HP 3000: An Intro to Interactive Programming .....	03000-90121
SPL/3000 Reference Manual .....	30000-90024
SPL/3000 Textbook .....	30000-90025
BASIC/3000 Interpreter Manual .....	30000-90026
FORTRAN/3000 Reference Manual .....	30000-90040
System Programming Language Pocket Guide .....	32100-90001
FORTRAN/3000 Pocket Guide .....	32102-90002
BASIC Compiler Reference Manual .....	32103-90001
COBOL/3000 Reference Manual .....	32113-90001
Using COBOL: A Guide for New Users of HP 3000 Computer Systems .....	32213-90003
COBOL II/3000 Reference Manual .....	32233-90001

### DATA COMMUNICATIONS

Data Communications Handbook .....	30000-90105
Data Communications Guide Book .....	5955-1715

### INFORMATION SYSTEMS

TDP/3000 Reference Manual .....	36578-90001
Using TDP/3000 .....	36578-90002
TDP/3000 Quick Reference Guide .....	36578-90003

### GENERAL INFORMATION

3000 Computer Systems Site Preparation Set .....	30000-60029
Guide to a Successful Installation (HP 3000 Computer Systems) .....	30000-90135

## HP Computer Documentation Index

The HP Computer Documentation Index includes manuals, binders, all types of (non-promotional) publications for Hewlett-Packard computer systems and peripherals. The Index is arranged in two sections. The "By Subject" (model number) listing is useful in finding documentation items when the specific part number is not known. The "Numerical" listing provides a fast way to find documentation when you already know the part number. Listings include description, print date and latest update. Available without cost. In the U.S., ask for 5953-2460D. Others ask for 5953-2460.

## HP Documentation Binders

Need convenient storage for your HP Documentation? Order HP Documentation Binders... Ideal for sales literature, manuals and instruction books. Quality construction in .015 virgin vinyl. Rings have open/close boosters. For 8½ in. x 11 in. page sizes. All binders are 3-ring style.

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QUANTITY (1-9 binders) ...	\$10.50 ea
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# Add-On Hardware

## Add-on terminals

### Available NOW — right off the shelf!

That's right, no waiting! We now immediately ship HP's popular 2621A and 2621P Interactive Terminals and 2382A Office Display Terminals on Direct Phone orders placed by open-account HP customers.



2621P And 2621A Terminals

### SYSTEMS APPLICATIONS/COMPATIBILITY

Description	HP System-250	HP System-1000	HP-System-3000
Console/Terminal	Terminal only	Terminal only	Terminal only
Character/Line Mode	Either	Either (line mode with 12966A card)	Either
Hardwire?	Yes (but no current loop)	Yes	Yes
Remote? (via Bell 103 equiv.)	Yes	Yes	Yes
Driver/Terminal Type	Use RFIG (as w/2640 term.)	DVR.05 use 12966A DVR.00 use 12880A or 12531D	Type 10
General	HP 2621A/P terminals operate from 110, up to 9600 baud. Full or half duplex. Multipoint not available.		

### 2621A/P Terminals . . . very smart, easy-to-operate, and low cost

#### DISPLAY

- High resolution
- 128 ASCII character set

#### MEMORY

- Two full pages
- Off-screen storage
- Scrolling & paging

#### EASE OF USE

- Typewriter-style keyboard
- Screen-labeled control keys
- "Soft" configuration; no external switches

#### EDITING

- Full cursor control
- Roll-up, roll-down
- Cursor addressability
- Insert/delete characters and lines

#### RELIABILITY/SERVICEABILITY

- Thorough self-test, with go/no-go diagnostics
- Tough modular construction
- Low component count

#### HARD COPY (2621P only)

- Clean, quiet non-impact printer
- 120 cps maximum print speed
- High resolution, high reliability

2621A Terminal . . . . . \$1595.00\*

2621P Terminal  
w/Printer . . . . . \$2750.00\*

Remember to order cables (page 23), and tables (page 29); also thermal paper (page 12) for the 2621P.

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\* (Sorry, but quantity, contract or other discounts do not apply to this special off-the-shelf HP service.)

## 2382A Office Display Terminal

**New** Small size, easy to use, attractively styled for your office.

### ENHANCED DISPLAY

- 24 lines by 80 columns
- 9 inch diagonal display
- Full 128 ASCII character set
- High resolution characters
- 4 display enhancements

### FORMS MODE

- Improve data accuracy and throughput
- Protected and unprotected fields
- Optional line drawing character set

### HUMAN ENGINEERED DESIGN

- Etched display surface and viewing angle reduce glare, operator fatigue
- Detached keyboard can be moved to comfortable position
- Accessible focus and brightness controls
- Familiar typewriter key layout
- Sculptured profile keytops with "deep dish" home keys

### EASY TO USE

- 8 screen labeled softkeys
- Local editing in Block/Forms mode or Modify mode
- Up/down keys for display scrolling
- Cursor control keys
- Cursor column and row indicator

### SOFTWARE COMPATIBILITY

- Software compatible with HP 2622A
- Forms mode compatible with HP VPL/US/3000 Data Entry And Forms Management Package

### EASY TO INSTALL

- Power-on default configuration set by switches
- Data communication and terminal configuration set by display menus
- 110 to 9600 baud rate
- Requires full duplex, asynchronous, EIA RS-232C (CCITT V.24) interface
- Bell 103A, 212A modem compatible

### DEPENDABILITY/SERVICEABILITY

- Self test verifies proper operation
- Modular design minimizes repair time

**2382A** Office Display Terminal...\$1700.00\*

**Opt. 202** Line Drawing Character Set  
Add ..... \$80.00

Available via our direct phone order service after November 1, 1981.

\*Sorry, but quantity, contract, or other discounts do not apply to this special off-the-shelf HP service.



*2382A Office Display Terminal*

**Gives office personnel access to information through their own display terminal which occupies less than one cubic foot of space!**

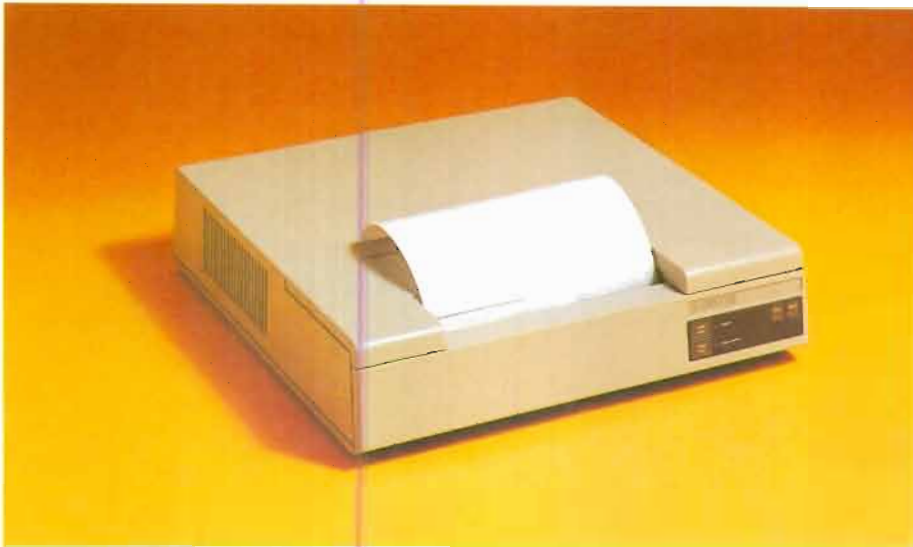
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Remember to order workstation furniture (page 27). Order 13242-60001 cable (page 25) for most HP1000 and HP3000 configurations.

# Add-On Hardware



2671A Printer

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Easy to use, low cost printers for your HP Desktop/Personal Computer or Terminals. Call our toll-free telephone number to order. We ship immediately to customers having an open account with HP.

### DESKTOP/PERSONAL COMPUTER COMPATIBILITY GUIDE

Description	9825B/T	9826A	9835A/B	9845B	85/83	125A
Recommended Printer	2671A	2671G	2671G	2671G	2671G	2671A
Computer Interface Required ***	98034A HP-IB Interface	HP-IB Interface Supplied with 9826A	98034A HP-IB Interface	98034A HP-IB Interface	82936A ROM Drawer, 00085-15002 Plotter/Printer ROM, 82937A HP-IB Interface Card	HP-IB Interface Supplied with 125A
Cable Required	HP-IB*	HP-IB*	HP-IB*	HP-IB*	HP-IB*	HP-IB*

### TERMINAL COMPATIBILITY GUIDE

Description	2623A	2624A & 2626A	2640B (Display Copy Only)	2642A	2645A	2647A	2648A
Recommended Printer	2671G Opt. 040	2671A Opt. 040	2671A Opt. .044	2671A	2671A Opt. 044	2671G	2671G
Factory Installed Terminal Options Required ***	Standard	Standard	13238A Duplex Register Card	Opt. 096 Shared Peripheral Interface	13238A Duplex Register Card and Opt. .007** Integrated Dual Cartridge Tapes	Opt. .096 Shared Peripheral Interface	Opt. 096 Shared Peripheral Interface & Opt. .007** Integrated Dual Cartridge Tapes
Cable Required	13242-60010	13242-60010	13232J	HP-IB*	13232J	HP-IB*	HP-IB*

## 2671A Printer

## 2671G Graphics Printer

**NEW** Low Cost, Easy-To-Use Printers. Easy to connect to your Desktop/Personal Computer or Terminal.

### 2671A/G Features

- High quality thermal printing
- Fast 120 character per second bi-directional printing
- Full 128 ASCII, international, and Line Drawing character sets
- 80 columns/line normal print mode
- 132 columns/line compressed print mode
- Underline character enhancement
- High resolution 9 x 15 dot matrix characters with true decenders
- No curl problem with flat, fan-fold paper
- FCC approved for home use
- HP-IB interface standard. Optional RS-232C and HP 8 bit parallel interfaces.

### 2671G Additional Features

- All the features of the 2671A plus:
- Dot for dot graphics copies from HP raster devices
  - 90 dots per inch horizontal and vertical resolution
  - 720 dots across a raster row

### 2671A/G Front Panel Controls

- Form Feed
- Paper Feed
- Self Test
- Printer Reset

2671A Printer ..... \$1095.00 ea†  
 2671G Graphics Printer ... \$1295.00 ea†

### Options: Available after Dec. 1, 1981.

- 040 Delete HP-IB, Add RS-232C Interface ..... N/C
- 044 Delete HP-IB, Add HP Parallel Interface ..... N/C

†Sorry, but quantity, contract, or other discounts do not apply to this special off-the-shelf HP service.

\*Order one of the following HP-IB cables: 31389A/B/C, 10833A/B/C/D. See page 23.

\*\*2645A and 2648A Terminals without Opt. 007 Integrated Dual Cartridge Tapes require Device Support Firmware. Contact your local sales office.

\*\*\*Contact your local sales office for ordering information if the required terminal options are not presently installed.

Don't forget to order additional cables (page 23-26), thermal paper (page 13), and tables (page 27).

To order the HP 2673A Intelligent Graphics Printer, contact your local sales office.

## Terminal Accessories . . . .

**Choose from a wide variety of terminal accessories to meet your needs. Orders placed through our toll-free telephones are shipped immediately.**

### 300 Baud Modem

Easily connect your 262X terminal into the telephone network.

Features:

- 300 baud, full duplex, asynchronous operation
- Compatible with Bell 103/113 modems
- Originate only
- Direct connect to telephone by modular jack
- Cable with 50 pin terminal connector provided
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- Powered by 262X terminal

13265A ..... \$395.00 ea\*

### Current Loop Converter

Easily interface your 262X terminal to a computer system using current loop communications.

Features:

- 20 mA current loop capability
- Connects to a variety of current loop interfaces
- Up to 1000 feet between terminal and computer
- Integral barrier strip connects to line
- Cable with 50 pin terminal connector provided
- Local loopback capability used with terminal's self test

13266A ..... \$195.00 ea\*

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13265A 300 Baud Modem And 13266A Current Loop Converter

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Select from a wide variety of attractive, sturdy Work Station Furniture for your terminals (or Personal/Desktop Computers). The efficient and attractive design of this furniture will compliment your HP terminals and work area. See pages 27-29.

### Terminal Cables and Power Cords

A full selection of terminal cables and power cords are listed, starting on page 23.

### Terminal Glass & Keyboard Cleaner

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