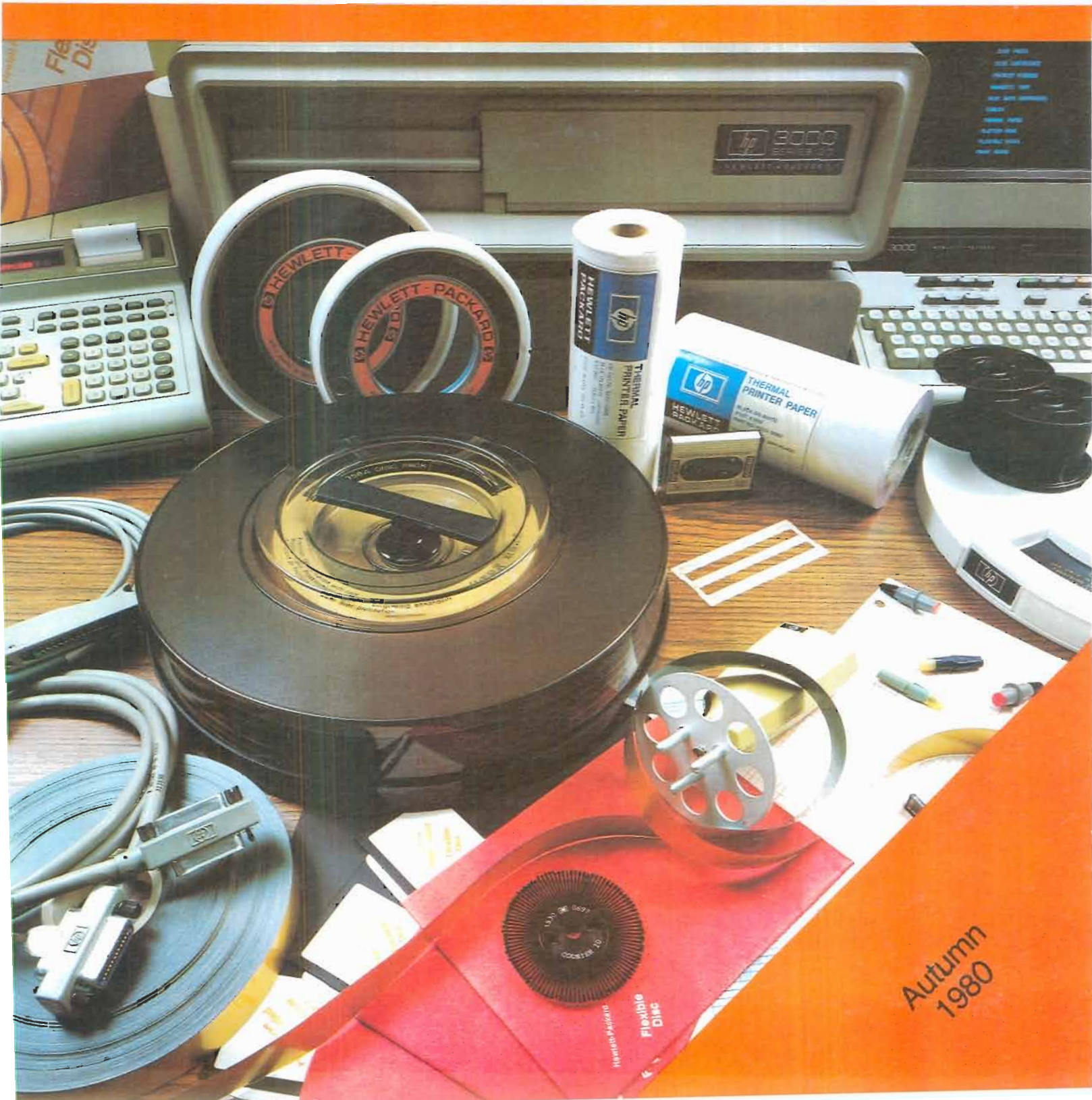


# Computer Supplies



To bring out the best  
in your HP Computer Products



Autumn  
1980

# HP COMPUTER SUPPLIES NEWS

## Just a Reminder . . .

- Storage cabinets to organize and store your HP computer supplies? Order yours now. See page 22.
- Winter is static electricity time. Protect your computer equipment with our static control mats. Page 21.
- Try our mobile table. It's a great place for your desktop computer, plotter, terminal or whatever? Page 20.
- Like to learn COBOL II programming for your HP 3000? Order our self-paced learning kit, page 25.
- Get the right connection with our selection of HP-IB (IEEE 488) and RS-232C cables, page 26.



Hewlett-Packard storage cabinets, mobile table and copy holder. See pages 20-23.

## A Word About Shelf Life.

Customers occasionally ask us about shelf life on supply items such as thermal papers, printer ribbons and plotter pens. While we encourage you to take advantage of our quantity discounts, our general recommendation is to order no more than a six-month supply at one time. We are careful to flow our inventory on a first-in, first-out basis so you always receive fresh supplies, and a six-month supply will help ensure you get quality performance from your HP supplies.

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## Two Ways to Save Money on HP Computer Supplies

**1.** Order supplies before you need them. When you have spare supplies on hand, it minimizes costly down time — and it saves you the higher costs of expedited, fast-freight shipping methods. *But when you do need supplies in a hurry, we promise you fast and responsive service worldwide, from one of our supplies stocking locations.*

**2.** Take advantage of HP quantity discounts. They apply to most HP computer supply items, and can reduce your supplies costs substantially. In addition, you'll usually enjoy savings in overall freight costs and in administrative expense within your organization when you concentrate your supplies orders into fewer (but larger) transactions.

## HP Media bring out the best in HP Mass Storage Devices

### Rigid Disc Cartridges



HP Media bring out the best in HP Mass Storage Devices. Shown: HP 7970 Tape Drives in cabinet and rack configurations; HP 7906 Disc Drive (foreground); 7920 Disc Drive (rear).

#### 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.

Total disc drive performance and the drive head/media interface are uniquely interdependent. Therefore, disc drive specifications and reliability can be assured only when using HP media products. Understandably, HP cannot cover under our warranty or service agreement any damage sustained by heads or media when non-HP media are used.

#### 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)  
DISCOUNTS (4-41)  
(42 +)



#### 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)  
DISCOUNTS (4-41)  
(42 +)



# HP Media bring out the best in HP Mass Storage Devices

## Rigid Disc Packs Flexible Discs Mini Data Cartridges



### Rigid Disc Pack, 50 Mb

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

QUANTITY (1-5 packs)  
DISCOUNTS (6-19)  
(20+)



### Rigid Disc Pack, 120 Mb

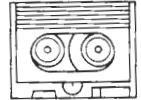
**13356A** Formatted Disc Pack. For HP 7925H/M/S Disc Drives.

QUANTITY (1-5 packs)  
DISCOUNTS (6-19)  
(20+)



### Mini Data Cartridges

**98200A** Box of 5 Minicartridges, each with own protective plastic box. (This newer 98200A package supersedes HP 9162-0061 minicartridges.)



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. (See page 13 for story on how HP makes and tests these high-quality minicartridges.)

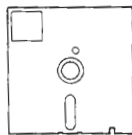
Used with HP series-1000 and 3000 Computer Systems; HP 264X-series Display Terminals; HP 85A, 9815A/S, 9825A/S, 9831A, 9835A/B (System 35) and 9845A/B/C/S/T (System 45) Desktop Computers; 9875A, 9877A Tape Units. Also non-HP products where reliable, high-performance minicartridges are desired.

QUANTITY (1 box of 5)  
DISCOUNTS (2-4)  
(5-19)  
(20-99)  
(100+)

### Flexible Discs, 1.2 Mb

**92195A** Box of 10 Double-Sided Flexible Discs (unformatted) in protective envelopes. (Supersedes 9164-0100 designation.) Includes write-protect, jacket and storage box labels. For use with HP250, 300, 3000/30, 3000/33 Systems and HP9895A Disc Drives.

QUANTITY (1 box of 10)  
DISCOUNTS (2-4)  
(5-19)  
(20+)



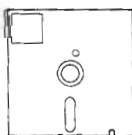
**09885-90045** One Initialized Single-Sided Flexible Disc. Required for 9885M/S Drives used with 9825A/S Desktop Computers. before the 9164-0105 unformatted discs can be used.

**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.

### 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 HP1000 models 20 & 25 (2174A/B & 2175A/B), 9896A Systems; 12732A & 12733A Subsystems; 9885M/S Disc Drive.

QUANTITY (1-2 boxes)  
DISCOUNTS (3-9)  
(10+)



### Flexible Discs, .25 Mb

**92190A** Box of 10 5.25" Double Sided Flexible Discs (unformatted) in protective envelopes. Includes write-protect, jacket and storage box labels. For use with HP82900 series Disc Drives.

QUANTITY (1 box of 10)  
DISCOUNTS (2-4)  
(5-19)  
(20+)

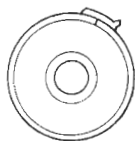


# HP Media bring out the best in HP Mass Storage Devices

## Magnetic Tape

### Blank Magnetic Tape

Get optimum read/write accuracy with this magnetic-tape, certified 100% error-free to 6250 BPI. Especially smooth tape surface means longer head life, and square-cut edges for straight tracking. Use on HP 7970 Tape Units, 12970A through 12973A Subsystems, and all other tape units requiring quality 1/2 in. (12.7 mm) wide tape.



**92150A** Box of ten 600 ft. (183 m) Tapes on reels, in seals. (This newer 92150A package supersedes individual HP 9162-0047 tapes.)

QUANTITY (1-9 boxes)  
DISCOUNT (10+)

**92150B** Box of ten 1200 ft. (366 m) Tapes on reels, in seals. (This newer 92150B package supersedes individual HP 9162-0063 tapes.)

QUANTITY (1-9 boxes)  
DISCOUNT (10+)

**92150C** Box of ten 2400 ft. (732 m) Tapes on reels, in seals. (This newer 92150C package supersedes individual HP 9162-0064 tapes.)

QUANTITY (1-9 boxes)  
DISCOUNT (10+)

### 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.

### 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.



QUANTITY (1-9)  
DISCOUNTS (10-99)  
(100+)

**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 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 the mini data cartridge. Such cleaning prolongs tape and 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.

**9300-0468** Box of 50 Lint-Free Swabs. Soft urethane foam tips on long wooden shafts.

### Magnetic Program Cards

See listing under HP 9100A/B, 9810A and 9820A Calculators, page 6.

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

We've developed many kinds of manufacturing and testing expertise to make sure our products live up to your expectations of "HP quality and value."

For example, we make and test disc packs in our own special HP facility constructed for that purpose.

The precision interface tolerances between drive head and media mean that media quality is critical to your drive's performance and reliability. In fact, there's just no room for less than the best.

That's why we pay extra attention to disc media at HP — carefully selecting disc materials, and closely controlling all assembly and testing. But it's worth it, because with HP media we know you'll get the high level of trouble-free performance your HP drive was designed to deliver.

#### Here's how we do it:

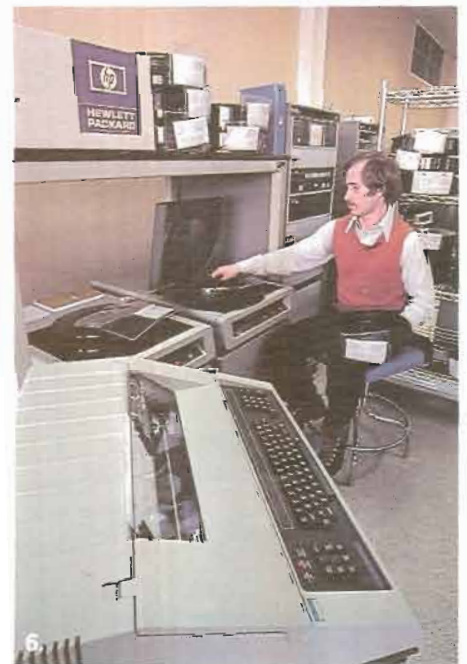
Exceptional cleanliness underlies HP's entire disc pack manufacturing process. Our clean room personnel wear special clothing, gloves and breath masks in order to prevent contamination of disc materials. And those work steps which are especially sensitive to contamination are performed at ultra-clean filtered-airflow benches.

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).

## HP Media bring out the best in HP Mass Storage Devices



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.

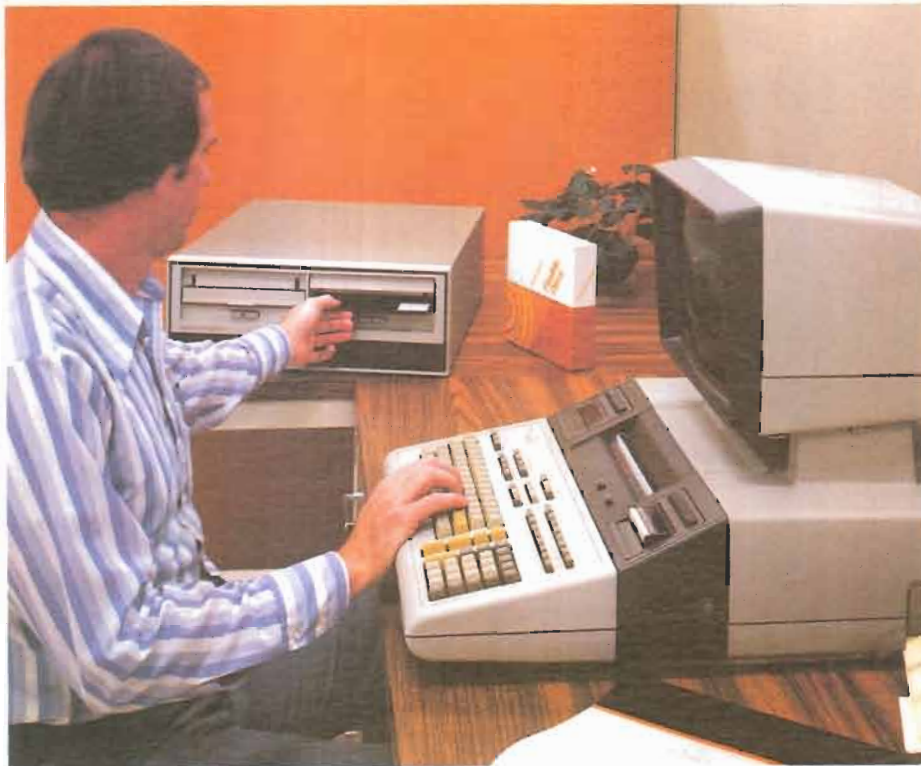


The ultimate test for an HP disc pack is its performance in your HP drive — or in any of the thousands of like-model HP drives in use, worldwide. So, using drives which are operationally similar to yours, we fully test every disc pack under "worst-case" conditions (Photo 6). A worst-case data pattern is written on track center, and then it is read back with heads deliberately positioned off track center.

Yes, this final test is stringent and necessary. After all, we want you to be satisfied with HP disc packs. But they have to satisfy us first.

# HP Supplies bring out the best in HP Desktop Computers

## Desktop Computer Supplies



HP Supplies bring out the best in HP Desktop Computers. Shown: HP 9895A Flexible Disc Drive (left), HP9845B Desktop Computer.

**System 35** (see 9835A/B)

**System 45** (see 9845A/B/C/S/T)

### HP 46 & 81 Calculators

Paper (9281-0415; listed under 9805A Calculator)

Ribbon (9282-0511; listed under 9805A Calculator)

### Desktop Computer Table

See page 20.

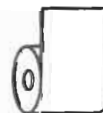
### HP 85 Desktop Computer

**82931A** Box of 2 Rolls Thermal Paper.

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

### HP-IE (IEEE-488) Cables

See page 26



### 9100A/B Calculators

**5060-5919** Box of 10 Magnetic Program Cards, with envelopes.



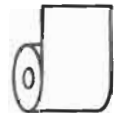
**9320-1144** Box of 100 Magnetic Program Cards, without envelopes.

**09100-90023** Individual Program Pad.

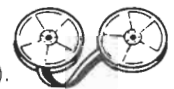
### 9805A Calculator

**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.



**9282-0511** Individual Ribbon, red and black (minimum order 3 ribbons).



### 9810A Calculator

Paper (9281-0401; listed under 9820A Calculator)

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

**09810-90016** Individual Program Pad

### 9815A/S Desktop Computers

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

Mini Data Cartridge (98200A, formerly 9162-0061; listed under 9825A/S Desktop Computers)

**7120-4691** Individual Blank Key Overlay (minimum order 5).



**09815-90011** Individual Program Pad

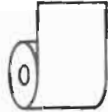




**9820A Calculator**

**9281-0401** Box of 6 Rolls Thermal Paper, blue print.

QUANTITY (1 box)  
DISCOUNTS (2-4)  
(5-19)



**5060-9152** Individual 6 in. (152.4 mm) Magnetic Program Card, with envelope (minimum order 10).



**9162-0012** Individual 6 in. (152.4 mm) Magnetic Program Card, without envelope (minimum order 10).

**9162-0045** Individual 10.5 in. (266 mm) Magnetic Program Card, without envelope.  
QUANTITY (1-9 cards)  
DISCOUNTS (10-99)  
(100+)

**9230-0052** Individual Magnetic Card Holder Sheet (minimum order 5). Holds 3 cards; for binder or file.

**09820-90016** Individual Program Pad

**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)

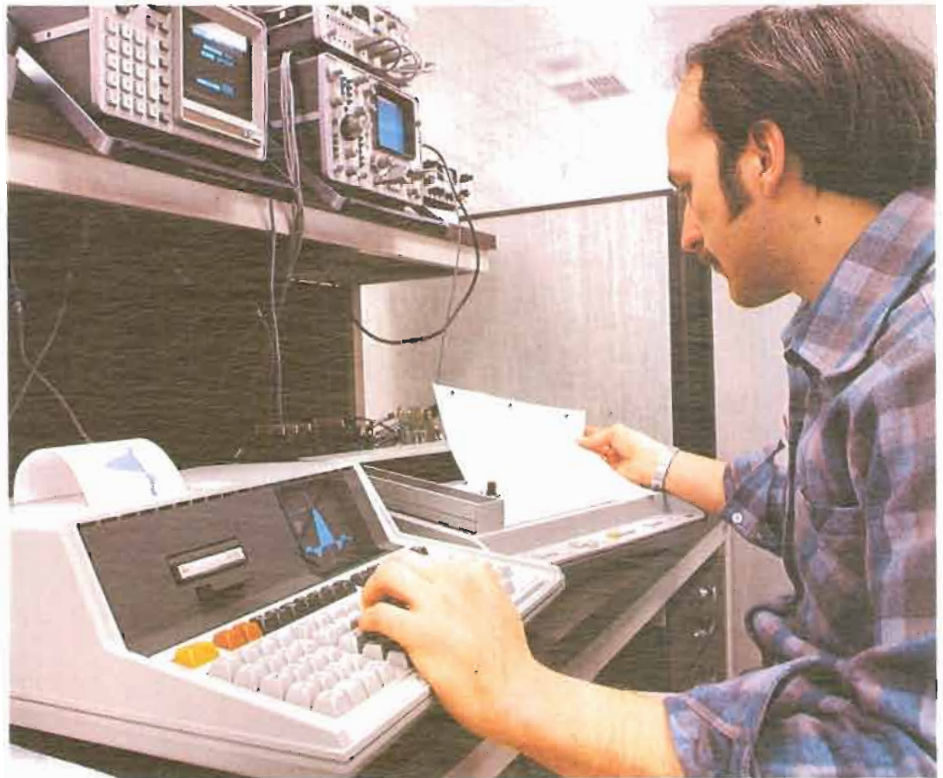
**9825A/S Desktop Computers**

**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.



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

QUANTITY (1 box)  
DISCOUNTS (2-4)  
(5-19)  
(20-99)  
(100+)



HP 85 Desktop Computer

**98200A** Box of 5 Minicartridges, each with own protective plastic box. (This newer 98200A package supersedes HP 9162-0061 minicartridges.)



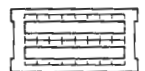
These rugged HP-manufactured storage devices are each 100% tested mechanically (for proper tape tension and drive force requirements) and electro-magnetically (for error-free data recording). Metal backplate construction helps ensure accurate alignment of tape guides and other internal parts, while providing a grounding surface to protect the minicartridge from effects of static electricity. (See page 13 for story on how HP makes and tests these high-quality minicartridges.)

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 — as well as with HP 264X-series Terminals.

QUANTITY (1 box of 5)  
DISCOUNTS (2-4)  
(5-19)  
(20-99)  
(100+)

The minicartridge drive in your HP desktop computer should be kept clean, for continued reliable operation. See Head Cleaner and Swabs listed on page 4.

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



# HP Supplies bring out the best in HP Desktop Computers

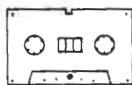
## Desktop Computer Supplies



System 35 (9835A) Desktop Computer, with HP 9872A 4-Color Plotter

### 9830A/B Desktop Computers

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



QUANTITY (1-9)  
DISCOUNTS (10-99)  
(100+)

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



**09830-90016** Individual Program Pad

### 9831A Desktop Computer

Mini Data Cartridges (98200A, formerly 9162-0061; 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, formerly 9162-0061; listed under 9825A/S Desktop Computers)

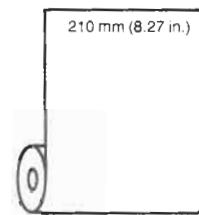
**7120-6452** Individual Blank Key Overlay (minimum order 5).



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

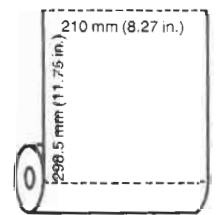
**METRIC-DIMENSIONED THERMAL PAPERS** All rolls 210 mm wide x 60 m long (8.27 in. x 197 ft.). Two papers have cross-perforations to yield A4 pages 298.5 mm (11.75 in) high. High-Contrast papers optimized for longer records storage; superior results when photocopied.

9270-0569  
9270-0652  
9270-0662



60 m (197 ft.)

9270-0568  
9270-0651



60 m (197 ft.)

**9270-0569** Individual Continuous Roll Paper, Regular Blue Print (minimum/multiple order 6 rolls).

**9270-0652** Individual Continuous Roll Paper, High-Contrast Blue Print (minimum/multiple order 6 rolls).

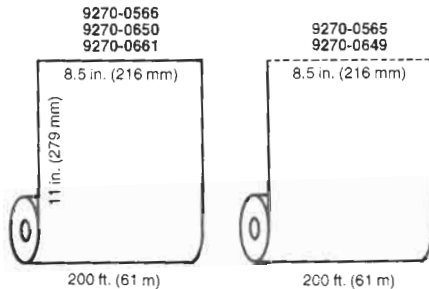
**9270-0662** Individual Continuous Roll Paper, High-Contrast Black Print (minimum/multiple order 6 rolls).

**9270-0568** Individual Page-Perf Roll Paper, Regular Black Print (minimum/multiple order 6 rolls).

**9270-0651** Individual Page-Perf Roll Paper, High-Contrast Black Print (minimum/multiple order 6 rolls).

# HP Supplies bring out the best in HP Desktop Computers

**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.



**9270-0566** Individual Continuous Roll Paper, Regular Blue Print (minimum/multiple order 6 rolls).

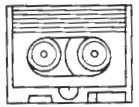
**9270-0650** Individual Continuous Roll Paper, High-Contrast Blue Print (minimum/multiple order 6 rolls).

**9270-0661** Individual Continuous Roll Paper, High-Contrast Black Print (minimum/multiple order 6 rolls).

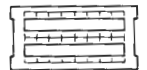
**9270-0565** Individual Page-Perf Roll Paper, Regular Black Print (minimum/multiple order 6 rolls).

**9270-0649** Individual Page-Perf Roll Paper, High-Contrast Black Print (minimum/multiple order 6 rolls).

**Mini-Data Cartridges** (98200A, formerly 9162-0061, listed under 9825A/S Desktop Computers)



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



**9872 Spectrum Graphics Kit**  
For 9845C only. See page 18.



HP thermal papers and thermal print heads in HP desktop computers, terminals and plotter<sup>1</sup> 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.

# HP Computer Supplies bring out the best in HP Printers

## Impact Printers



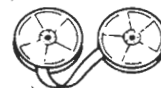
### 2607A Dot Matrix Line Printer

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)  
**DISCOUNT** . . (24+)



**02607-80024** Individual Pre-Punched VFU Tape. 66 lines per page.

**02607-80015** Roll of 8-Channel Blank VFU Tape. 20 ft. (6.1 m) long.

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

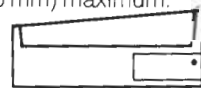
### 2608A Dot Matrix Printer

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

**92158A** Box of 3 Ribbon Cartridges.

(Supersedes the HP 02608-60038 individual ribbon designation). HP-designed mobius loop construction; long ribbon life averaging 30 million characters. Black.

**QUANTITY** (1-2 boxes)  
**DISCOUNTS** (3-7)  
(8+)



**02608-60091** Package of Layout Forms. Total 250 sheets on 5 pads.

**02608-60092** Package of 10 Alignment Guides (printers with chrome tractors).

**92159A** Package of 10 Alignment Guides (printers with black tractors).

HP Computer Supplies bring out the best in HP Printers. Shown: Model 2608A Line Printer (left); 2631B Dot Matrix Printer (right); 7245B Thermal Plotter/Printer (foreground).

# HP Computer Supplies bring out the best in HP Printers



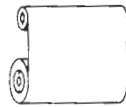
## 2613A Line Printer

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)  
DISCOUNT (4+)



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

**02613-80001** (66 lines/page)  
**02618-80003** (88 lines/page)

## 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.

## 2618A Line Printer

Following supplies also 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)  
DISCOUNT (4+)

VFU Tape: Same as for HP 2613A Printer.

## 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.

**9164-0023** VFU Tape Punch, for 12-channel tape. Manually operated.

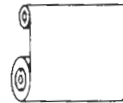
**0470-0391** Tape Adhesive, 3 fluid oz.

## 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. Prints blue/black.

QUANTITY (1-2 ribbons)  
DISCOUNTS (3-11)  
(12+)



VFU Tape: Same as for HP 2613A Printer.

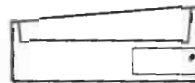
**9300-0750** Package of 3 Vacuum Bags (minimum order 5 packages). NOTE: locally-available regular Type G short bags (Hoover PN 43651-060) may be used.

## 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. (Supersedes the HP 02631-60060 and 02631-60233 designations.) HP-designed, each long-life cartridge averages 15 million characters. Prints black.

QUANTITY (1-2 boxes)  
DISCOUNTS (3-7)  
(8+)



## 2631G Graphics Printer

Uses same supplies as HP 2631A/B Printer.

## 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.

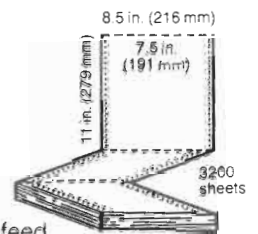
QUANTITY (1-3 ribbons)  
DISCOUNTS (4-35)  
(36+)

## 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).

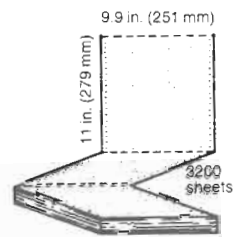
**9280-0705** Box of 72-Column Blank Paper, 3200 sheets per box. White 15 lb. bond. Overall width 8.5 in. (216 mm); when perforated vertical pin feed margins are detached, final width is 7.5 in. (191 mm).

QUANTITY (1-67 boxes)  
DISCOUNT (68+)



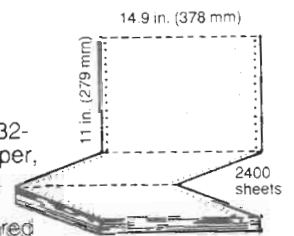
**9280-0218** Box of 80-Column Green-Bar Paper, 3200 sheets per box. White 15 lb. bond, printed with light green horizontal bars. Overall width 9.9 in. (251 mm).

QUANTITY (1-51 boxes)  
DISCOUNT (52+)



**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 (1-49 boxes)  
DISCOUNT (50+)



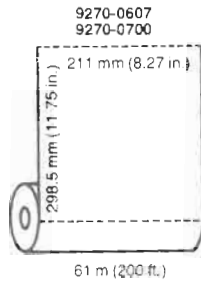
# HP Computer Supplies bring out the best in HP Printers

## Thermal Printers Impact Printer

### 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 9).

**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.

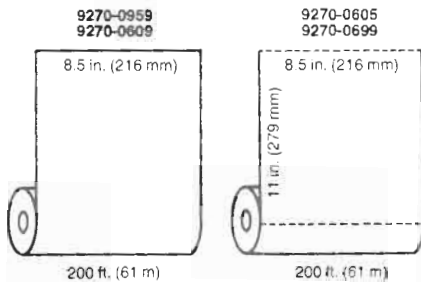


**9270-0607** Box (2 rolls) Page-Perf Paper, Black Print.

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

**QUANTITY** (1-5 boxes)  
**DISCOUNTS** (6-35)  
(36-149)  
(150+)

**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.

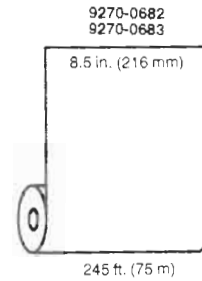
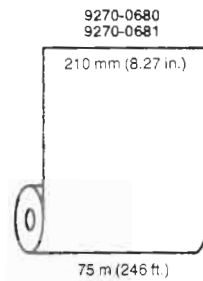
**9270-0605** Box (2 rolls) Page-Perf Paper, Black Print.

**9270-0699** Box (2 rolls) Page-Perf Paper, Blue Print.

**QUANTITY** (1-5 boxes)  
**DISCOUNTS** (6-35)  
(36-149)  
(150+)

**07245-60001** Thermal Print Head.

### 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)  
**DISCOUNTS** (5-29)  
(30-124)  
(125+)

**9270-0681** Box of 6 rolls Metric-Dimensioned Thermal Paper, Blue Print.

**QUANTITY** (1-4 boxes)  
**DISCOUNTS** (5-29)  
(30-124)  
(125+)

**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 75 m).

**QUANTITY** (1-4 boxes)  
**DISCOUNTS** (5-29)  
(30-124)  
(125+)

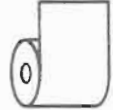
**9270-0683** Box of 6 Rolls English-Dimensioned Thermal Paper, Blue Print.

**QUANTITY** (1-4 boxes)  
**DISCOUNTS** (5-29)  
(30-124)  
(125+)

### 9120A Electrostatic Printer

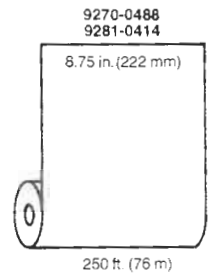
**9270-0801** Box of 3 Rolls Electrostatic Paper, Black Print. 2.5 in. (64 mm) wide.

**QUANTITY** (1-2 boxes)  
**DISCOUNTS** (3-7)  
(8-15)  
(16+)



### 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)  
**DISCOUNTS** (2-4)  
(5-19)  
(20-99)  
(100+)

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

**QUANTITY** (1 box)  
**DISCOUNTS** (2-4)  
(5-19)  
(20-99)  
(100+)

### 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 ribbons)  
**DISCOUNTS** (12-35)  
(36+)



# HP Computer Supplies bring out the best in HP Printers



## Making and Testing the High Performance HP 98200A Mini Data Cartridge

If you have a 264X-series Display Terminal or 9800-series Desktop Computer using the HP Mini Data Cartridge — you know how convenient this compact magnetic tape device is for data storage.

We make the minicartridge ourselves (and as of this writing, we are the only computer and peripherals manufacturer doing so), in order to closely control the manufacturing processes and materials used. The result is



a quality data storage device which helps bring out the best performance of computer products in which it is used.

**1.** In building HP minicartridges, we begin with a backplate made of metal, because it resists warping and it provides a stable base for the precision mounting of internal parts. It also provides a grounding surface for protection from the effects of static electricity.

**2.** Next, after internal parts are installed, we use special HP-designed machines to load premium-quality magnetic tape into



each assembly. The cover is then put on and the completed minicartridge is exercised over its entire tape length, before being heat aged in order to stabilize tape tension.

**3.** We 100% test every minicartridge for mechanical and electrical performance, after it has been aged. The unit is automatically tested over its entire tape length, and checked for proper drive force requirements. During the same test, data bits are tightly recorded and read back on both tracks, so we can certify error-free performance.

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)  
DISCOUNTS (6-11)  
(12+)



## Paper for Impact Printers

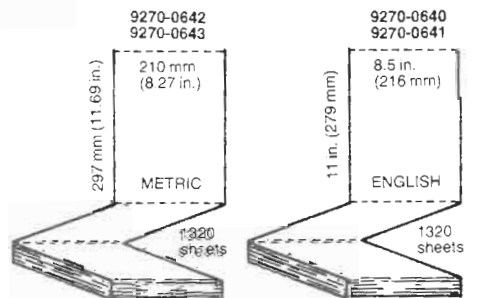
See page 11.

### 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.)

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



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

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

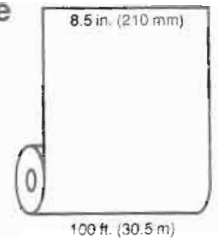
# HP Computer Supplies bring out the best in HP Terminals

## Display Terminals Printing Terminals



### 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 (see photo of HP thermal paper print head tests, page 9).



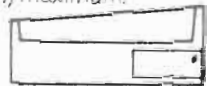
**92160A** Box of 24 Rolls, Thermal Paper, Blue Print (supersedes 9270-0638).  
QUANTITY (1-2 boxes)  
DISCOUNTS (3-59)  
(60+)

**92160B** Box of 24 Rolls, Thermal Paper, Black Print (supersedes 9270-0658).  
QUANTITY (1-2 boxes)  
DISCOUNTS (3-59)  
(60+)

### 2635A/B Printing Terminal

Paper Widths Accepted: 2.2 in. (56 mm) minimum; 15.7 in. (400 mm) maximum.

**92155A** Box of 3 Ribbon Cartridges. (Supersedes the HP 02631-60060 and 02631-60233 designations.) HP-designed, each long-life cartridge averages 15 million characters before replacement. Black.  
QUANTITY (1-2 boxes)  
DISCOUNTS (3-7)  
(8+)



### 2639A Printing Terminal

Uses same supplies as HP 2635A/B above.

HP Computer Supplies bring out the best in HP Terminals. Shown: (foreground, left to right) Models 3076A and 3070B Data Entry Terminals, 2645A Display Terminal (left rear) 2635A Printing Terminal; (right rear) 2621P Interactive Terminal.

### Terminal Table

See page 20.

### Copy Holder

See page 20.

### Terminal Cables

See page 26.



# HP Computer Supplies bring out the best in HP Terminals

## Teleprinters Display Terminals Data Capture Terminals



### 264X-series Display Terminals

Following supplies are used with HP Models 2640 through 2649 CRT Display Terminals.

**98200A** Box of 5 Minicartridges, each with own protective plastic box. (This newer 98200A package supersedes HP 9162-0061 minicartridges.) For HP terminals equipped with minicartridge drive.

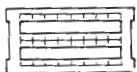


These rugged HP-manufactured storage devices are each 100% tested mechanically (for proper tape tension and drive force requirements) and electromagnetically (for error-free data recording). Metal backplate construction helps ensure accurate alignment of tape guides and other internal parts, while providing a grounding surface to protect the minicartridge from effects of static electricity. (See page 13 for story on how HP makes and tests these high-quality minicartridges.)

**QUANTITY** (1 box of 5)  
**DISCOUNTS** (2-4)  
(5-19)  
(20-99)  
(100+)

Your terminal's minicartridge drive should be kept clean, for continued reliable operation. See Head Cleaner and Swabs listed on page 4.

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



### Terminal Glass & Keyboard Cleaner

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

### 2675A Printing Terminal

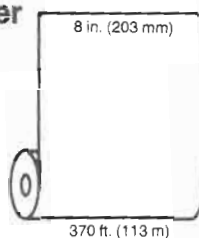
Uses same paper supplies as HP 262X Terminals. Also uses 98200A Minicartridges.

### 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)  
**DISCOUNT** (36+)



#### 9282-0524 Individual Nylon Ribbon

(minimum order 6). Prints black.

**QUANTITY** (6-11 ribbons)  
**DISCOUNTS** (12-35)  
(36+)



#### 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)  
**DISCOUNTS** (28-279)  
(280+)



### 2752A Teleprinter

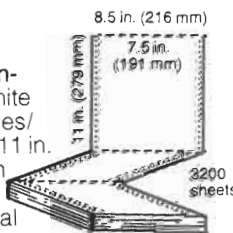
Uses same supplies as HP 2749B above.

### 2754B Heavy Duty Teleprinter

Uses same ribbon and perforator tape as HP 2749B above.

**9280-0705** Box of Fan-Fold Printer Paper. White 15 lb. bond; 3200 pages/box, each page 8.5 x 11 in. (216 x 279 mm). When perforated pin feed margins detached, final width 7.5 in. (191 mm).

**QUANTITY** (1-67 boxes)  
**DISCOUNT** (68+)



HP 2675A Interactive Printing Terminal

### 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 listed under 2754B Heavy Duty Teleprinter.

#### 1535-2577 Individual Ribbon

(minimum order 6). Prints heavy black.  
**QUANTITY** (6-11 ribbons)  
**DISCOUNT** (12+)

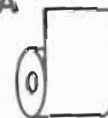


### 2762B Terminal Printer

Uses same fan-fold paper and ribbon as HP 2762A above.

### 3070B, 3075A & 3076A Data Capture Terminals

**82045A** Box of 6 Rolls Thermal Printer Paper.



# HP Computer Supplies bring out the best in HP Graphics Devices

## Graphics Plotters



### Plotter Pens

All pens are designed and manufactured by HP in different colors for clean, crisp and accurate plots. See story page 19.

#### PAPER-WRITING PENS (OLDER PLOTTERS)

Package of 5 Pens, All Same Color for 7200A-7203A, 7210A, 9125A and 9862A Graphics Plotters.

**5081-1190** (Red)

**5081-1191** (Blue)

**5081-1192** (Green)

**5081-1193** (Black)

QUANTITY (1-24 pkgs)

DISCOUNTS (25-149)  
(150-624)  
(625+)



#### PAPER WRITING PENS (NEWER PLOTTERS)

Package of 5 Pens, All Same Color for 7220A/S, 7221A/B/S, 7225A and 9872A/B/S Graphics Plotters.

**5060-6784** (Red)

**5060-6785** (Blue)

**5060-6786** (Green)

**5060-6787** (Black)

QUANTITY (1-24 pkgs)

DISCOUNTS (25-149)  
(150-624)  
(625+)



**5060-5810** Package of 4 Pens for newer HP plotters. Contains 1 pen each of red, blue, green, black inks. Price and quantity discounts same as one-color packages immediately above.

HP Computer Supplies bring out the best in HP Graphics Devices. Shown: Model 2647A Graphics Terminal (left), 9872B Graphics Plotter (right), 9874A Digitizer (rear).

**Overhead Transparency Pens**

Pens come in black plus 6 other vivid, fast drying colors; are available in regular (0.25mm) or wide (0.7mm) pen tips. Each package contains 4 different colored pens as listed below. For use with 7220A/S, 7221A/B/S, 9872A/BS. Also 7225A if equipped with velocity-select capability.



*Regular (0.25mm) Line Width.*

**5060-6818** Package contains 1 pen each of black, red, blue, green. Price and quantity discounts same as 5060-6835 below.

**5060-6834** Package contains 1 pen each of black, orange, brown, violet. Price and quantity discounts same as 5060-6835 below.

*Wide (0.7mm) Line Width.*

**5060-6819** Package contains 1 pen each of black, red, blue, green. Same price and quantity discounts as 5060-6835 below.

**5060-6835** Package contains 1 pen each of black, orange, brown, violet.

QUANTITY (1-24 pkgs)  
DISCOUNTS (25-149)  
(150-620)  
(625+)

**Overhead Transparency Supplies for HP Plotters**

Following supplies may be used with HP 7220A/S, 7221A/B/S, 9872A/B/S Plotters; also HP 7225A 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.

**9270-0639** Package of 100 Transparency Film Sheets, each 8.5 x 10.5 in. (216 x 267 mm).

QUANTITY (1-9 pkgs)  
DISCOUNTS (10-59)  
(60-249)  
(250+)

**5060-6828** Transparency Ink Solvent. Container of 1 fluid oz. (29.6 ml).

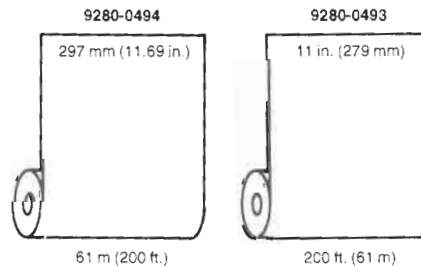
**Blank Plotter Papers**

Pad of 50 Small Sheets, available in two sizes: Metric (210 x 297 mm) and English (8.5 x 11 in.) For all HP graphic plotters.

**9280-0476** (Metric)  
**9280-0475** (English)  
QUANTITY (1-4 pads)  
DISCOUNTS (5-29)  
(30-124)  
(125+)

**9280-0180** Box of 100 Large Sheets, each 280 x 420 mm (11 x 16.5 in.). For larger plotters such as HP 7200A, 7202A, 7203A, 7210A, 7220A/S, 7221A/B/S, 9125A, 9862A, 9872A/B/S.

QUANTITY (1-16 boxes)  
DISCOUNTS (17-101)  
(102-424)  
(425+)



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

**9280-0494** (Metric)  
**9280-0493** (English)  
QUANTITY (1-5 rolls)  
DISCOUNTS (6-35)  
(36-149)  
(150+)

**Printed Plotter Papers**

HP has an extensive selection of printed-grid plotter papers for a wide variety of applications. HP papers are cut 45° relative to paper grain and printed at a controlled 50% relative humidity for maximum dimensional stability for accurate plotting. Following is a reference listing of HP printed papers; please contact us for details.

**Standard Grid.**

Large sheet, English ..... 9270-1004  
Small sheet, English ..... 9270-1006  
Large sheet, Metric ..... 9270-1024  
Small sheet, Metric ..... 9270-1023

**Semi-Log.** Large sheet.

2 cycle X, linear Y ..... 9280-0159  
3 cycle X, linear Y ..... 9280-0160  
Linear X, 2 cycle Y ..... 9280-0169  
Linear X, 3 cycle Y ..... 9280-0168

**Log-Log.** Large sheet.

2 cycle X, 3 cycle Y ..... 9280-0165  
3 cycle X, 2 cycle Y ..... 9280-0167  
4 cycle X, 3 cycle Y ..... 9280-0171

**Log-Log.** Small sheet.

4 cycle X, 3 cycle Y ..... 9280-0172

**Smith Charts.** Small sheets.

Regular chart ..... 9280-0137  
Expanded chart ..... 9280-0147

**Plotter Supplies Kits**

Convenient way to get an assortment of pens and blank 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.

**17013A Small-Sheet Kit** for 7225A. 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.

# HP Computer Supplies bring out the best in HP Graphics Devices

## Digitizer Thermal Plotter Thermal Printer

### 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.

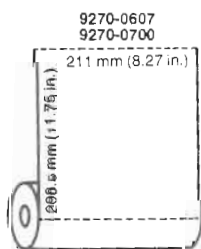
**5060-6855** Spectrum Pens (one each black, magenta, cyan, yellow per package).

**9280-0516** Spectrum Paper (100 plain, 8½ x 11" sheets).

### 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 9).

**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.

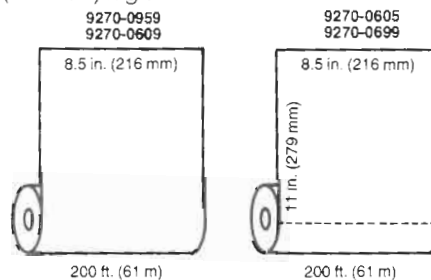


**9270-0607** Box (2 rolls) Page-Perf Paper, Black Print.

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

QUANTITY (1-5 boxes)  
DISCOUNTS (6-35)  
(36-149)  
(150 +)

**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.

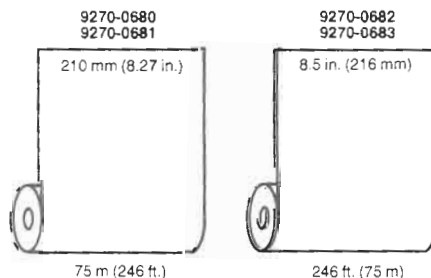
**9270-0605** Box (2 rolls) Page-Perf Paper, Black Print.

**9270-0699** Box (2 rolls) Page-Perf Paper, Blue Print

QUANTITY (1-5 boxes)  
DISCOUNTS (6-35)  
(36-149)  
(150 +)

**07245-60001** Thermal Print Head.

### 7310A Thermal Graphics 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)  
DISCOUNTS (5-29)  
(30-124)  
(125 +)

**9270-0681** Box of 6 Rolls Metric-Dimensioned Thermal Paper, Blue Print.

QUANTITY (1-4 boxes)  
DISCOUNTS (5-29)  
(30-124)  
(125 +)

**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 75 m).

QUANTITY (1-4 boxes)  
DISCOUNTS (5-29)  
(30-124)  
(125 +)

**9270-0683** Box of 6 Rolls English-Dimensioned Thermal Paper, Blue Print.

QUANTITY (1-4 boxes)  
DISCOUNTS (5-29)  
(30-124)  
(125 +)

### 9874A Digitizer

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

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

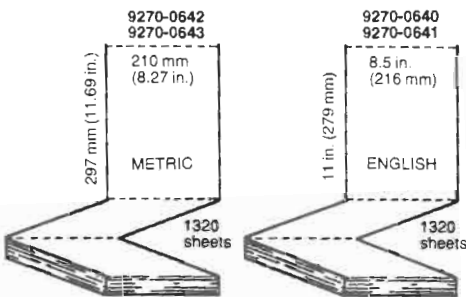
**7120-7105** Individual Blank Key Overlay (minimum order 5).

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.).

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

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

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



**Yes, We Also Make Our Own Plotter Pens at HP**

In graphics plotting, *the pen* is the most critical and essential link between a high-performance machine and high-quality plotted results. It's not surprising, then, that we design and make our own pens to help you get the best possible results from your HP plotter.

Our pen inks are specifically formulated for easy-starting flow. Yet, they dry almost instantly when applied to paper. The colors are vivid, producing publication-quality, long-lasting documentation.

And each pen's physical attributes are very important. For example, concentricity of the pen body and the distance between indexing flange and tip are monitored carefully during production. This ensures accurate pen tip placement and line repeatability during plotting. In-process and final test samplings are also used to control ink brightness and line drawing widths to within tight HP standards.

**1.** We rigorously sample-test our pens from in-production and completed units, to make sure ink brightness and line widths meet HP quality standards.

**2.** One of HP's special pen-making machines automatically seals the ink-filled pen body, inserts the nib (tip) to proper length, and installs the pen cap.

## HP Supplies bring out the best in HP Computer Systems

### Mobile Table Copy Holder



#### 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 26 x 34 in. (660 x 864 mm) has plenty of room for paperwork or reference material — means this table can be used as a free-standing work station. Height of top is 27 in. (886 mm) 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)  
DISCOUNT (3+)

#### Adjustable Copy Holder

**92171A** Copy Holder is easily adjusted; you can position it *precisely* where you want it for the most efficient reading of copy.

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

QUANTITY (1-2 holders)  
DISCOUNT (3+)



1. HP92170A Mobile Table; 2. HP92171A Adjustable Copy Holder; 3. HP92176C Static Control Carpet Mat.

## Static Control Mats Miscellaneous Accessories/Supplies

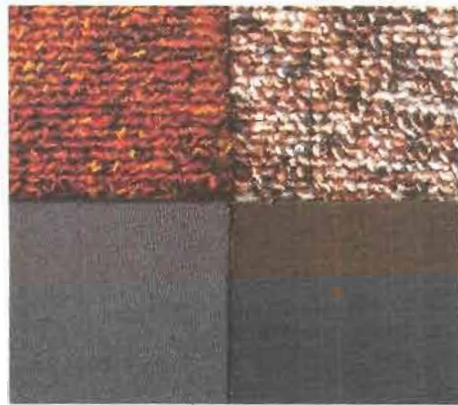
### Static Control Floor Mats

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 buildup 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 three types of static control mats — both a hard and soft-surfaced mat with grounding wire and a carpeted finish mat in two attractive colors.



Static Control Mat Colors, **Top:** Carpet Mat, (left) Russet, (right) Natural. **Bottom:** (left) Hard-surface Black, (right) Soft-surface Brown.

### STATIC CONTROL MATS

These mats are grounded so they can never become overloaded with a static charge. They are especially suited for heavy personnel foot traffic such as a computer room entrance.

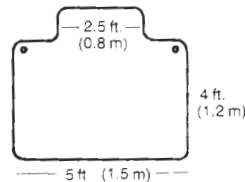
#### 92175A

##### Hard-surfaced

Mat for office use. Shaped to fit most desks and terminal tables. Material is hard and rigid so casters chairs easily roll over it, even when mat is placed on plush carpeting. Color is black. (NOTE: Shipped by truck.)

QUANTITY (1-2 mats)

DISCOUNT (3+)



**92175B** Soft-surfaced Mat, with internal foam pad for comfortable stand-up use. Overall size 4 x 8 ft. (1.2 x 2.4 m). May be cut to fit your special size requirement without affecting performance. Color is chocolate brown.

QUANTITY (1-2 mats)

DISCOUNT (3+)

### STATIC CONTROL CARPET MATS

Carbon-impregnated filaments are woven right into carpet so static protection remains even after carpet is washed or worn. Mats are edge-finished, and have a non-skid backing for use on carpeted as well as hard-surfaced floors. Available in two colors (see photo) and two sizes.

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

**92176A** Neutral color

**92176C** Russet color

QUANTITY (1-2 mats)

DISCOUNT (3+)

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

**92176B** Neutral color

**92176D** Russet color

QUANTITY (1-2 mats)

DISCOUNT (3+)

### Cordless Tape Winder

**12575C** Tape Winder has no power cord to get in your way, yet you save the expense of replacing batteries.

Our winder has an internal battery which is automatically recharged when the winder is hung on its holder. 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)

DISCOUNT (4+)

### Mylar Perforator Tape

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

### 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)

DISCOUNT (6+)

### Punch/Tabulating Cards

**9320-1430** Box of 2000 Standard 80-Column Printed Cards.

QUANTITY (1-5 boxes)

DISCOUNT (6+)

### 2894A Card Reader Punch

**9260-0373** Individual Ink Cartridge.

# HP Supplies bring out the best in HP Computer Products

## Storage/Security Cabinets



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.

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

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. Both cabinets are ideal for your initial storage requirements when you first get a new HP computer system, and they also find many uses as "add on" cabinets when more storage space is needed.

Both 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.

Both cabinets have a documentation shelf at the top, one roll-out shelf with internal dividers, a second roll-out shelf for disc packs/cartridges, and a storage space at the bottom. The tall cabinet additionally has a hanger bar for holding up to 35 reels of magnetic tape, and a printout bar for holding printouts in hangers.



**(Left):** Both 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).





**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.



Durable walnut-patterned top.

Documentation/storage shelf has 3 moveable dividers. Tall enough (35 cm, 13 3/4 in.) for metric A4 binders.

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

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 removeable) 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 1/4 in.) high.

Keyed lock for door.



**92172A Storage/Security Cabinet**

As shown above (except media and supplies pictured are not included in cabinet price). 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.

Exterior dimensions: 119.5 cm (47 in.) high, 92 cm (36 1/2 in.) wide, 47 cm (18 1/2 in.) deep. Cabinet and door are both "putty" color.

Interior dimensions: 86 cm (33 3/4 in.) wide, 41 cm (16 1/2 in.) deep. See callouts above for interior height information.

(NOTE: Shipped by truck.)

**92172P Printout Hanger Cartridges**

Box of 10 cartridges, for use with 92172B cabinet. (NOTE: 20 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 7/8 in.). Cartridges are light blue color, and hinged for easy loading and unloading. Self-adhesive labels are included.

QUANTITY (1-2 boxes)  
DISCOUNT (3+)

As shown above (except media and supplies pictured are not included in cabinet price). 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.

Exterior dimensions: 180 cm (71 in.) high, 92 cm (36 1/2 in.) wide, 47 cm (18 1/2 in.) deep. Cabinet and door are both "putty" color.

Interior dimensions: 86 cm (33 3/4 in.) wide, 41 cm (16 1/2 in.) deep. See callouts above for interior height information.

(NOTE: Shipped by truck.)

# HP Supplies bring out the best in HP Computer Systems

## Publications



### 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 on page 32-33.

### Computer Peripherals Reference Manuals

#### DISC DRIVES

7920A Operating and Service Manual	07920-90001
7925 User's Manual	07925-90901
7925 Service Manual	07925-90903

#### PRINTERS

2630 Printer Family Service Manual	02631-90910
2630B Family Service Manual	02631-90919
2631A Operating Manual	02631-90901
2631B Operator's Manual	02631-90917
2635A Operating Manual	02635-90901
2635B Operator's Manual	02635-90908

#### TAPE DRIVES

7970 Series Operating Manual	07970-90885
7970 B/E Service Manual	07970-90887

#### TERMINALS

2621A P Owner's Manual	02620-90001
264X Composite Service Manual	02640-90170
2645A User's Manual	02645-90001
2645A, S and 2641A Reference Manual	02645-90005
2647A User's Manual	02645-90001
2647A Reference Manual	02647-90002
2647A BASIC Reference Manual	02647-90005
2647A Quick Reference Guide	02647-90006
2647A Slide Preparation Manual	02647-90008

### Desktop Computer Reference Manuals

9825A Operating and Programming Manual	09825-90000
9835A Operating and Programming Manual	09835-90000
9835 45B BASIC Language Interfacing Concepts	09835-90600
9845A Operating and Programming Manual	09845-90000
9845B Operating and Programming Manual	09845-91000
9845C Operating and Programming Manual	09845-92000
9845C Color Graphics	09845-92050

### HP 250 Reference Manuals

MFG 250 Reports Brochure	45180-90080
QM/250 Technical Brochure	45190-90080
Site Selection Guide	45251-87903

### HP 1000 Reference Manuals

#### HARDWARE

Data Systems Customer Support Handbook (2114/15/16, 2100, 21MX-M and -E series)	5950-3767
HP 1000 E-Series Computer Operating and Reference Manual	02109-90014

#### LANGUAGES

BASIC 1000L Real-Time BASIC Reference Manual	92076-90001
IMAGE 1000 Reference Manual	92069-90001
PASCAL 1000 Reference Manual	92832-90001
RTE FORTRAN IV Reference Manual	92060-90023

#### SOFTWARE

Decimal String Arithmetic Routines Manual	02100-90140
RTE Drivers DVR05/DVA05 for HP 263X Printers/264X Terminals	92001-90015
RTE III Batch Spool Monitor Pocket Guide	92060-90010
RTE IVB Batch and Spool Reference Manual	92068-90005

Getting Acquainted with RTE IVB Manual	92068-90001
RTE IVB On-Line Generator Manual	92068-90007
RTE IVB Program Reference Manual	92068-90004
RTE IVB Quick Reference Guide	92068-90003
RTE IVB Quick Reference Guide Binder	02177-90007
RTE IVB Software Catalog	92068-90011
RTE IVB Systems Manager Manual	92068-90006
RTE IVB Terminal User's Reference Manual	92068-90002
RTE IVB Utility Program Reference Manual	92068-90010
RTE L Operator's Guide	92070-90002
RTE L Programmer's Reference Manual	92070-90006
RTE L Quick Reference Guide	92070-90020
RTE L Quick Reference Guide Binder	9282-0872

### HP 3000 Reference Manuals

#### DATA COMMUNICATIONS

Data Communications Handbook	3000-90135
Guide Book to Data Communications	5955-1715

#### DATA MANAGEMENT

Image Data Base Reference Management System Reference Manual	32215-90003
KSAM/3000 Reference Manual	30000-90079
Query Reference Manual	30000-90042
V/3000 Forms Design Manual	32209-90004
V/3000 Quick Reference Guide	32209-30003
V/3000 Reference Manual	32209-90001

#### GENERAL INFORMATION

A Guide to Successful Installation	30000-90135
General Information Manual for Distributed Data Processing	30000-90008
Using Files — A Guide for New Users	30000-90102

#### LANGUAGES

BASIC/3000 Compiler Reference Manual	32103-90001
BASIC/3000 Interpreter Pocket Guide	03000-90050
BASIC Interpreter Reference Manual	30000-90026
Beginning BASIC Manual	03000-90025
COBOL/3000 Reference Manual	32213-90001
COBOL II/3000 Reference Manual	32233-90001
COBOL User's Guide	32213-90003
FORTRAN/3000 Reference Manual	30000-90040
Program Language Text Manual (SPL)	30000-90025
SPL Pocket Guide	32100-90001
SPL Reference Manual	30000-90024

#### MPE

MPE Commands Reference Manual	30000-90009
MPE Console Operator's Guide	30000-90013
MPE Intrinsic Reference Manual	30000-90010
MPE Segmenter Reference Manual	30000-90011

# HP Supplies bring out the best in HP Computer Systems

## Programming Aids

MPE Utilities Manual	30000-90044
MPE III Pocket Guide	30000-90049
MPE III Systems Manager/Systems Supervisor Manual	30000-90014
MPE III System Tables Reference Manual	32002-90003
<b>UTILITIES</b>	
F COPY Reference Manual	03000-90064
Sort/Merge/3000 Reference Manual	32215-90003



### Learning COBOL II/3000

Learn COBOL II/3000 now thru a new, self-paced learning series from Hewlett-Packard. This is an entry level course intended 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.

After completing the self-paced course, you will be able to write, compile and run simple programs which use the major COBOL II verbs, accept data from a terminal, and create and access sequential files.

#### 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:

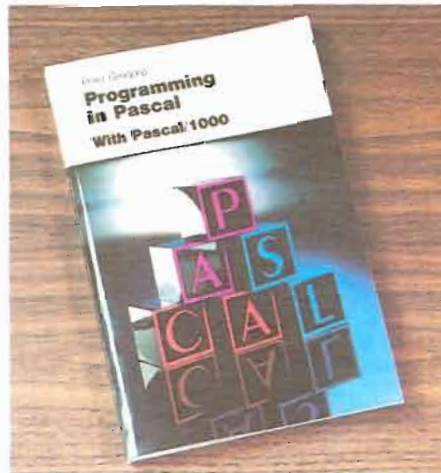
- Simple COBOL programming
- Program variations
- The structure and syntax of COBOL
- Simple arithmetic statements,

- comments, diagnostics
- Advanced arithmetic and control statements
- Additional data concepts
- All about files
- Applied interactive COBOL

Extra student workbooks for this self-paced programming course are also available. You will want to order extra copies so more can take advantage of learning COBOL II/3000.

**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 (contains diagrams, tables and illustrative programs, as well as response sections), 1 COBOL II/3000 Reference Manual and 1 Using the HP 3000 Manual.

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



### 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.

It begins with programming concepts, data expressions and assignments, then takes you through to program design with several programming exercises along the way. A vocabulary of Pascal terms, Pascal syntax and program standards along with the HP Pascal/1000 extensions are provided in the appendix.

This book is a convenient reference text for anyone wanting information and programming knowledge about Pascal and HP Pascal/1000.

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

### Program Coding Forms

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

- 5080-6595 (Fortran)
- 5080-6596 (Assembler)
- 5951-4465 (Cobol)
- QUANTITY (1-2 pkgs)
- DISCOUNT (3+)

### RPG Coding Forms

Used with HP 300 and HP 3000 systems having RPG capability. All forms 8½ x 11" except as noted. 92168A-E 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")

- QUANTITY (1-2 pkgs)
- DISCOUNT (3+)

### Printer Layout Forms

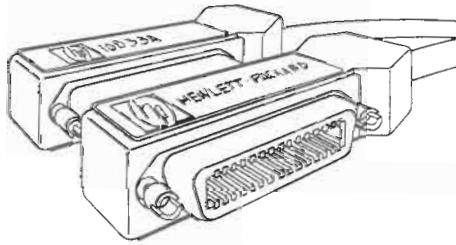
**92168G Printer Layout Forms.** Package of 10 pads, 500 sheets total (8½ x 14") Same price and quantity discounts as 92168A-G above.

**02608-60091 Printer Layout Forms.** Package of 5 pads, 250 sheets total (11 x 17") Includes vertical format control area.

# HP Computer Supplies bring out the best in HP Computer Products

## Cables Connectors

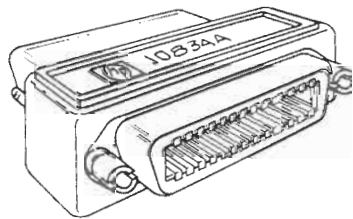
### HP-IB (IEEE-488) Cables



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 i 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 shielding.

Length	Regular Cable (Other HP Equivalent)	New RFI Shielded Cable
1m (3.3 ft)	<b>31389A</b> (10631A)	<b>10833A</b>
2m (6.6 ft)	<b>31389B</b> (10631B)	<b>10833B</b>
4m (13.2 ft)	<b>31389C</b> (10631C)	<b>10833C</b>
0.5m (1.65 ft)	(10631D)	<b>10833D</b>

**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") 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.



### Connector Kits

Make up your own special cables.

**5061-1340 Connector for 264X Terminals** (see illustration 2). Contains one 30-pin female hooded edge connector, plus hardware.

**5061-2401 Multipoint Connectors for 264X Terminals** (see illustrations 4M and 4F). Contains two complete 14-pin connectors (one male and one female) plus hardware.

**5061-2405 Universal Male or Female RS-232 Connector** (see illustrations 3M & 3F). Contains one outside connector hood, one male gold plated 25-pin insert, one female gold plated 25-pin insert, one cable boot plus hardware.

**5061-2412 Connector for 262X Terminals** (see illustration 1). Contains one complete 50-pin male connector and hardware.

### 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.

### Terminals Cabling Manual

HP has an 80-page guide which provides helpful information (including connector pin assignments) for more than 35 different cables used with HP terminals. Available without cost. Ask for "Data Terminals Cabling Manual, publication number 5952-9975."

### Fiber Optic HP-IB Links

Our Fiber Optic HP-IB Link Units and Cables may be the ideal solution if you need to connect widely-separated HP-IB (IEEE-488) products — or if you need to cable through electrically noisy environments. Data is secure, since transmissions are unaffected by strong electrical or magnetic fields. And electrical isolation between cable ends protects computer equipment from sudden grounds, lightning, etc. on the cable.

These fiber optic products are available only through your local HP office. Ask for information on the HP 12050A HP-IB Link Unit and HP 39200-series Cables.

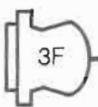
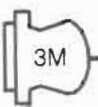
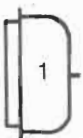
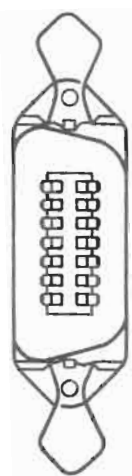
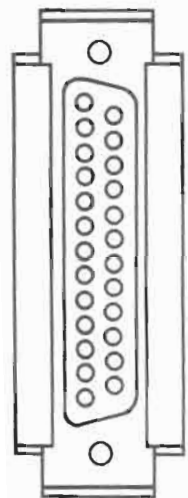
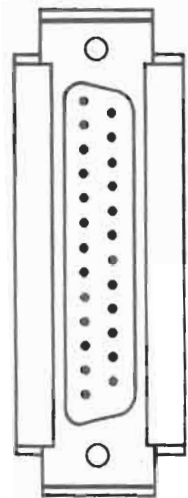
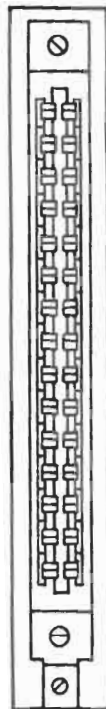
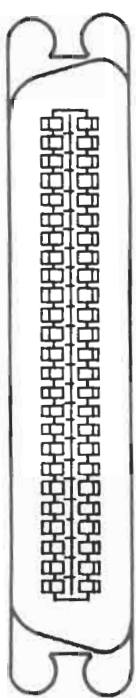


**Terminal Power Cord Reference Chart**

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.

Plug Configuration	Voltage Rating	Reference Specification	Part Number
	250v	BS 1363A	8120-1351
	250v	KZSS 198/AS C112	8120-1369
	250v	CEE7-VII	8120-1689
	125v	NEMA5-15P	8120-1348 (Black) 8120-1378 (Gray)
	250v	SEV1011.1959.24507.Type 12	8120-2104

**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.

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## Cables


























### RS-232C Cables

Description	Connector	Length	Connector	Wired For	Connects To	Other HP Equivalent	Order Number
<b>Extension Cables</b>		5 m (16.7 ft.)		All 25 pins wired end-to-end		(30062C)	<b>31391A</b>
		10 m (33.4 ft.)		All 25 pins wired end-to-end			<b>31391B</b>
		15 m (50 ft.)		All 25 pins wired end-to-end		(30062C, Opt 001)	<b>31391C</b>
		30 m (100 ft.)		All 25 pins wired end-to-end, unshielded.		(30062C, Opt 002)	<b>30062-60012</b>
		3.8 m (12.5 ft.)		15 pins wired end-to-end			<b>02631-60065</b>
		7.6 m (25 ft.)		Hardwire extension: 3 wires		(30062D)	<b>30062-60018</b>
<b>Modem Cables</b>		7.6 m (25 ft.)		Connects HP 3000 to modem types 103 and 202S.		(30062B)	<b>30062-60020</b>
		15 m (50 ft.)		Connects HP 3000 to modem types 103 and 202S.		(30062B, Opt 001)	<b>30062-60021</b>
<b>Modem Eliminator Cables</b>		1.5 m (5 ft.)		Unshielded		(13232U)	<b>5061-2403</b>
		5 m (16.7 ft.)		Shielded			<b>31390A</b>
<b>Cables for 262X/267X-series Terminals</b>		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. (Except HP 3000 Series 33)		(13222N)	<b>13222-60001</b>
		5 m (16.7 ft.)				(13222M)	<b>13222-60002</b>
		2 m (6.6 ft.)		Standard RS232C Communications		(13222C)	<b>13222-60003</b>
		5 m (16.7 ft.)		3-Wire cable with EMP protection from lightning-induced transients, when terminal hardwired to HP 1000, 2000 & 3000 Systems. (Except HP 3000 Series 33)		(13222Y)	<b>13222-60005</b>
		5 m (16.7 ft.)		HP 300 and HP 3000 Series 33 Computer Systems		(13222W)	<b>13222-60007</b>

Connectors **1, 2, 3M, 3F, 4M, 4F** see page 27; **2\*** modified connector to include power protect relays; **5** is 48-pin connector.

# HP Supplies bring out the best in HP Computer Products

## RS-232C Cables

Description	Connector	Length	Connector . . .	Wired For/Connects To	Other HP Equivalent	Order Number
Cable 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. (Except HP 3000 Series 33)	(13232A)	<b>02640-60043</b>
		4.5 m (15 ft.)		Same capabilities as 02640-60043 above, plus U.S. Modems 212A and Vadic 3400.	(13232N)	<b>02640-60131</b>
		4.5 m (15 ft.)		European Modems 202C	(13232M)	<b>5061-2409</b>
		6.2 m (20 ft.)		HP 300 and HP 3000 Series 33 Computer Systems	(13232W)	<b>5061-2410</b>
		15 m (50 ft.)		HP 1000/21MX Computers with HP 12531D or 12880A interfaces.	(13232B)	<b>02640-60058</b>
		1.5 m (5 ft.)		Standard Async D.C. to non-HP Computer	(13232C)	<b>02640-60059</b>
		4.5 m (15 ft.)		3-Wire cable with EMP protection from lightning-induced transients, when terminal hardwired to HP 1000, 2000 & 3000 Systems. (Except HP 3000 Series 33)	(13232Y)	<b>02640-60218</b>
	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>
		4.5 m (15 ft.)		Next 264X Terminal (or open)		
Multipoint: 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>
		4.5 m (15 ft.)		Preceding 264X Terminal		
		30 m (100 ft.)		Multipoint Extension cable.	(13232R)	<b>02640-60134</b>

# HP Supplies bring out the best in HP Computer Systems

## System Startup Supply Recommendations

### 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 adjacent tables list 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 2-4.

### Starter Kits

"Customer convenience starter kits" of basic supplies are available with several HP computer products. Ask for details.



### Additional media recommend for system startup

SYSTEM	250	300	1000-L/9	1000-L/10	1000/20
FLEX DISC DRIVE	10 flex discs (box 92195A)	10 flex discs (box 92195A)	10-20 flex discs (1-2 boxes 92195A)	10-20 flex discs (1-2 boxes 92195A)	If Opt. 032: 10 flex discs (box 9164-0105)
SYSTEM CONSOLE (If 264X)			10 mini-cartridges (2 boxes 98200A)	10 mini-cartridges (2 boxes 98200A)	10 mini-cartridges (2 boxes 98200A)
SYSTEM DISC DRIVE If 7906H/M: If 7920M: If 7925M:		1 cartridge (12940A), 1 pack (13394A), 1 pack (13356A)		1 cartridge (12940A)	
TAPE DRIVE (7970)					





1000/25	1000/40	1000/45	3000/III	3000/30	3000/33
If Opt. 032: 10 flex discs (box 9164-0105)				10 flex discs (box 92195A)	10 flex discs (box 92195A)
10 mini-cartridges (2 boxes 98200A)	10 mini-cartridges (2 boxes 98200A)	10 mini-cartridges (2 boxes 98200A)	10 mini-cartridges (2 boxes 98200A)	10 mini-cartridges (2 boxes 98200A)	10 mini-cartridges (2 boxes 98200A)
	1 cartridge (12940A) 1 pack (13394A) 1 pack (13356A)	1 cartridge (12940A) 1 pack (13394A) 1 pack (13356A)	1 pack (13394A) 1 pack (13356A)	1 cartridge (12940A) 1 pack (13356A) 1 pack (13356A)	1 cartridge (12940A) 1 pack (13394A) 1 pack (13356M)
			10 reels 2400" (1 box 92150C)		

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<b>2619A</b> line printer	11	<b>7240A</b> thermal plotter/printer	12
<b>2621P</b> interactive terminal	14	<b>7245A*/B</b> thermal plotter/printers	12
<b>2626A</b> interactive printing terminal	14	<b>7310A</b> thermal graphics printer	12
<b>2631A/B</b> dot matrix printer	11	<b>7900A*</b> disc drive	2
<b>2631G</b> graphics printer	11	<b>7901A*</b> disc drive	2
<b>2635A*/B</b> printing terminal	14	<b>7905A*</b> disc drive	3
<b>2639A</b> printing terminal	14	<b>7906H/M/S</b> disc drives	3
<b>264X-series</b> display terminals	15	<b>7920H/M/S</b> disc drives	3
		<b>7925H/M/S</b> disc drives	3
		<b>7970-series</b> tape units	4
		<b>HP81*</b> desktop calculator	6
		<b>82900-series</b> disc drives	3
		<b>HP85</b> desktop computer	6
		<b>9</b>	
		<b>9100A*/B*</b> desktop calculator	6
		<b>9120A*</b> electrostatic printer	12
		<b>9125A</b> graphics plotter	16
		<b>92170A</b> mobile table	20
		<b>92171A</b> copy holder	20
		<b>92172A</b> storage/security cabinet	22
		<b>92172B</b> storage/security cabinet	22
		<b>92175A/B</b> static control mats	21
		<b>92176A/B/C/D</b> static control mats	21
		<b>9805A*</b> desktop calculator	6
		<b>9810A*</b> desktop calculator	6
		<b>9815A/S</b> desktop computers	6
		<b>9820A*</b> desktop calculator	7
		<b>98200A</b> mini data cartridges	3
		<b>9821A*</b> desktop calculator	7
		<b>9825A/S</b> desktop computers	7
		<b>9830A/B</b> desktop computer	8
		<b>9831A</b> desktop computer	8
		<b>9835A/B</b> desktop computers	8
		<b>9845A/B/C/S/T</b> desktop computers	8
		<b>9862A*</b> graphics plotter	16
		<b>9866A/B</b> thermal printers	12
		<b>9871A</b> character printer	12
		<b>9872A*/B/S</b> graphics plotter	17
		<b>9874A</b> digitizer	18
		<b>9875A</b> minicartridge tape unit	3
		<b>9876A</b> thermal graphics printer	13
		<b>9877A</b> minicartridge tape unit	3
		<b>9880B*</b> disc drive	2
		<b>9881A*</b> line printer	10
		<b>9885M/S</b> flex disc drives	3
		<b>9895</b> flex disc drive	3
		<b>9896A*</b> computer system	3

\*Computer products with this symbol no longer offered for sale. However, Hewlett-Packard will continue to provide supplies support for at least 5 years from date last product was shipped.

# Ordering Information

## Where to Order

Hewlett-Packard has local offices (see facing page) and computer supplies distribution centers located both inside and outside the USA. In addition, we maintain a high-speed computerized communications network between most HP locations, worldwide. We use this network to help us process your orders efficiently and to get them quickly transmitted to the appropriate supplies distribution center.

To place your order or to get additional information such as the current price for supplies delivered to your location, please contact the HP office nearest you.

## Terms of Sale

*Inside the USA:* Terms **net 30 days** from invoice date if credit with Hewlett-Packard has already been established. Otherwise, shipments will be made COD or on receipt of cash in advance. **Minimum of \$20 per order** applies.

*Outside the USA:* Terms are determined by the Hewlett-Packard international sales subsidiary or authorized representative/distributor.

## Supply Prices

In some countries, prices for computer supplies listed in this catalog may be included on a separate price list or other publication, for your budgetary guidance.

To confirm the current price of any HP computer supply item, in local currency and delivered to your location, please contact the HP office nearest you.

## Quantity Discounts

You can achieve substantial savings by taking advantage of our quantity discounts, which are available for most HP computer supply items.

Whenever it is practical for you to order an individual supply item in a larger quantity, you save in these ways:

*Unit Cost* — Your unit cost (our selling price) for that item is lower.

*Administration* — Your organization's costs for handling the paperwork of placing orders, receiving shipments, etc. will usually be lower — since these processes happen less often.

*On-Hand Spares* — When you order a larger quantity, you're more likely to have extra units on hand when you need them, thereby minimizing costly down time.

Please note these discounts apply only to total units of an individual supply item, rather than to total units of differing supply items (mixed orders).

## Warranty

HP supplies as listed in this catalog for use with HP computer products are warranted against defects in materials and workmanship (in the U.S.A. for 90 days from date of shipment; outside the U.S.A. for period in effect for your country . . . consult your local HP office).

HP will replace any such supply item which proves to be defective. Please call your local HP office first for shipping instructions, and then return the defective item, freight prepaid.

This warranty does not apply to damage resulting from misuse, and no other warranty is expressed or implied. HP specifically disclaims the implied warranties of merchantability and fitness for a particular purpose. HP shall not be liable for any direct, indirect, special, incidental or consequential damages.

## Shipping Methods

Shipments to destinations outside the USA are made from the appropriate Hewlett-Packard facility by either surface or air methods, as requested.

Because of customs formalities and the longer shipping times to many parts of the world, we highly recommend you maintain extra supplies in reserve — especially where their availability is critical to your operation.

In addition, supply items which are essential for continued computer product performance are often stocked by Hewlett-Packard within your country to ensure ready availability, when needed.



**HEWLETT  
PACKARD**

Computer Supplies Operation  
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