

HP ScanJet IIC Scanner

Product Brief



Expressions of Excellence

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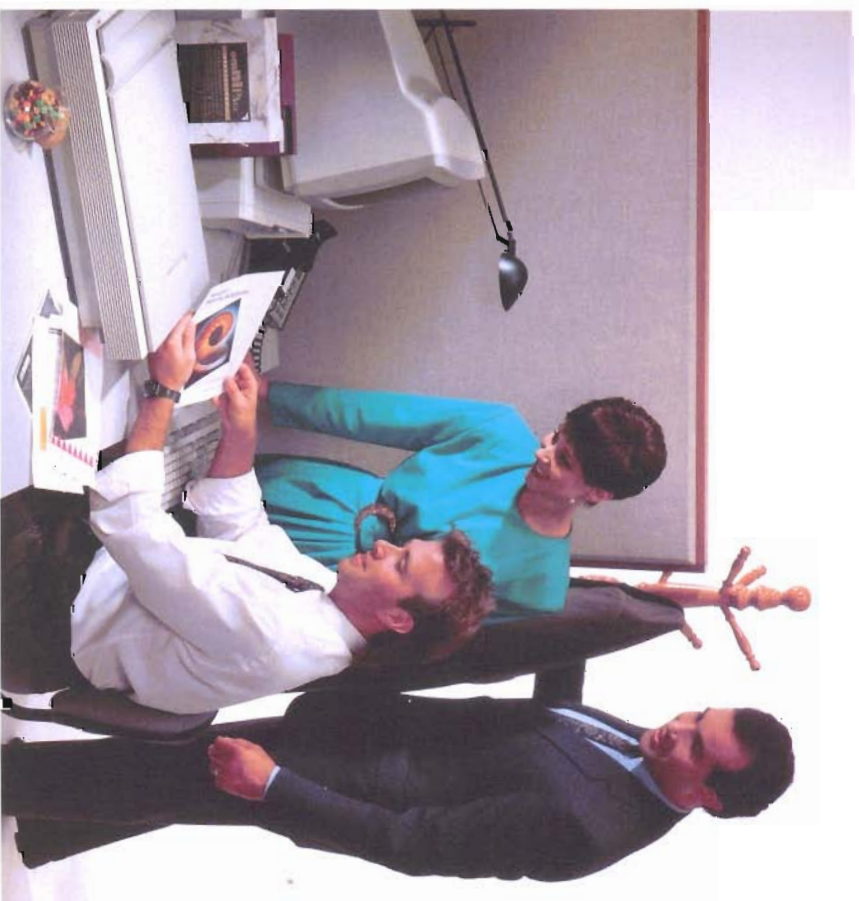
When you need to express your ideas in a document, impress a client with a presentation, or produce show-stopping graphics easily or quickly, the HP ScanJet IIc scanner is for you.

Designed and manufactured by Hewlett-Packard, the HP ScanJet IIc scanner is a true 400 dpi monochrome and color scanner. Included with the HP ScanJet IIc is powerful new scanning software, HP DeskScan II,

with a layered interface for both the beginning and expert user. HP DeskScan II includes image-editing software, Publishers Paintbrush® 2.0 for MS Windows® and DeskPaint® for the Macintosh.

When combined with Optical Character Recognition (OCR) software from third-party suppliers, the HP ScanJet IIc scanner eliminates the need to re-type documents. Or combine it with popular desktop

publishing, presentations, spreadsheet, or word processing software to create communications that leave a lasting impression of excellence.



Versatile enough to custom fit your working environment

- Provides monochrome and color scanning.
- Provides image and text scanning.
- Supports IBM AT-compatible

PCs, Micro Channel or Macintosh personal computers.

- Supported by leading word processing desktop

publishing, presentation, spreadsheet, and OCR software packages.

■ Supports monochrome and color laser printers, thermal transfer printers, and phototypesetter-quality output devices.

Easy to produce exciting documents and presentations

Most of us want to produce exciting documents and presentations but don't have the time nor expertise to do it. The HP Scarlet IIc scanner with HP DeskScan II software is full of powerful features to help you produce professional-quality documents

that capture your audience's attention and imagination *easily*.

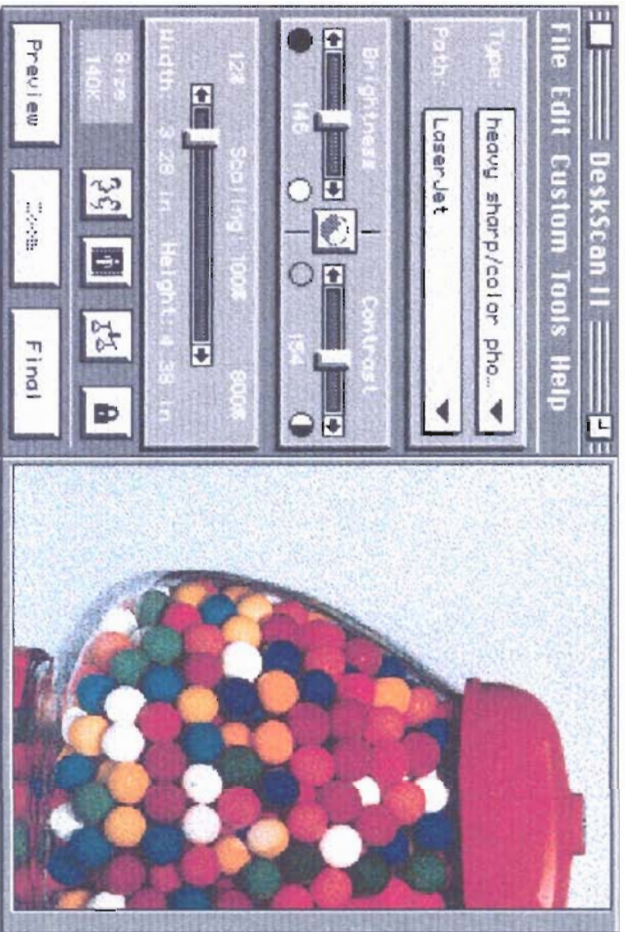
■ Custom scaling, in one percent increments, lets you easily fit your image into any size space you choose.

■ A layered user interface provides basic functions on the top screen with a complete set of advanced features easily accessed as pull down menus or floating tools. More control means better results.

■ Online help gives you reference and tutorial materials right on your screen when you need them.

■ Automatic Exposure selects the optimum brightness and contrast settings *for* you.

■ Live preview shows you the



Excellence in Color

■ 24-bit recognition of over 16 million colors creates powerful documents or presentations.

■ An HP-designed, single-pass color scanning process ensures superior color registration and fast color scanning.

■ Print path calibration compensates for how colors and grayscale are interpreted within each step of your process to optimize the quality of your final output with Hewlett-Packard output devices (and other brands, too).

■ Spot color recognition identifies the few dominant colors while scanning spot color artwork and converts each pixel to one of these specific colors. Use this feature to edit your logo or other color graphics easily and quickly.



Excellence in Optical Character Recognition (OCR)

- 400 dpi optical resolution reads text as small as 6 point type with greater accuracy than 300 dpi scanners.

- HP AccuPage technology, only available with the HP ScanJet IIc scanner, sets intensity automatically and uses special page recognition techniques to improve OCR accuracy when combined with supporting third-party OCR software.

HP AccuPage technology - from Hewlett-Packard

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HP AccuPage technology, when supported by OCR software vendors, improves your text scanning accuracy. Care's new software, Omnipage Professional 2.0, is the first OCR software designed to take full advantage of HP's AccuPage technology.

Scanned image with HP AccuPage technology

Thin letters on the original document can cause OCR errors since, when scanned, they get broken up. HP AccuPage technology can help thicken the letters and provide more accurate text results.

Scanned image without HP AccuPage technology

Colored and dark backgrounds behind the letters can result in image distortion. This type of pen on some magazine and newspaper documents. HP AccuPage technology can help eliminate the background noise and provide more accurate text results.

HP AccuPage technology can even handle these conditions when they occur on the same page:

This technology can do two other things for you—separate image from text and keep this and other information intact.

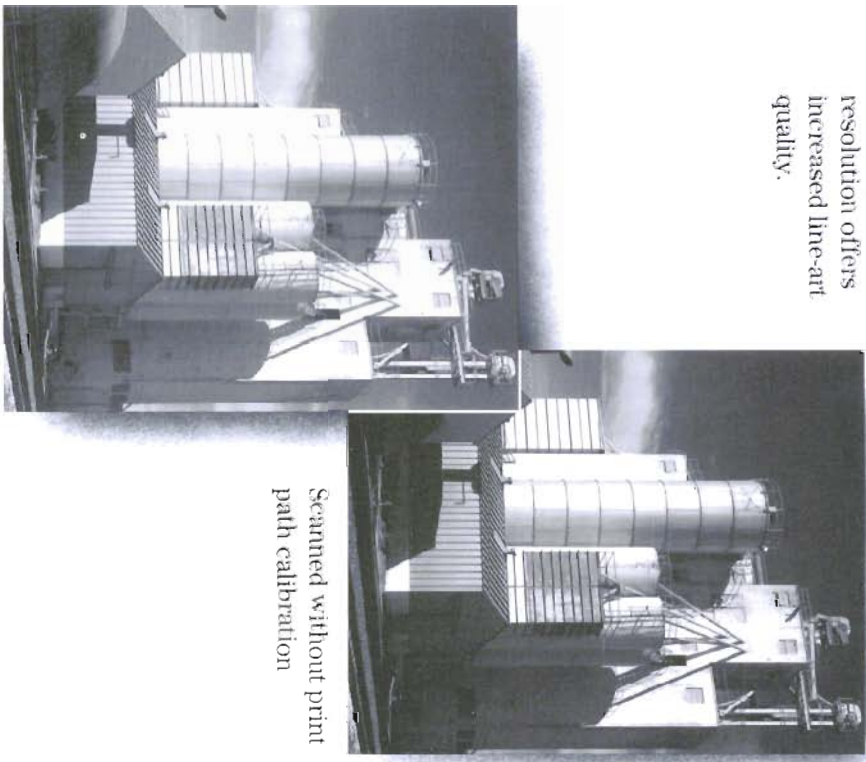
All of these capabilities mean fewer text corrections are needed.

HP AccuPage technology means **greater productivity for you!**

Excellence in Black & White

- 256 grayscale levels ensure excellent black-and-white images.

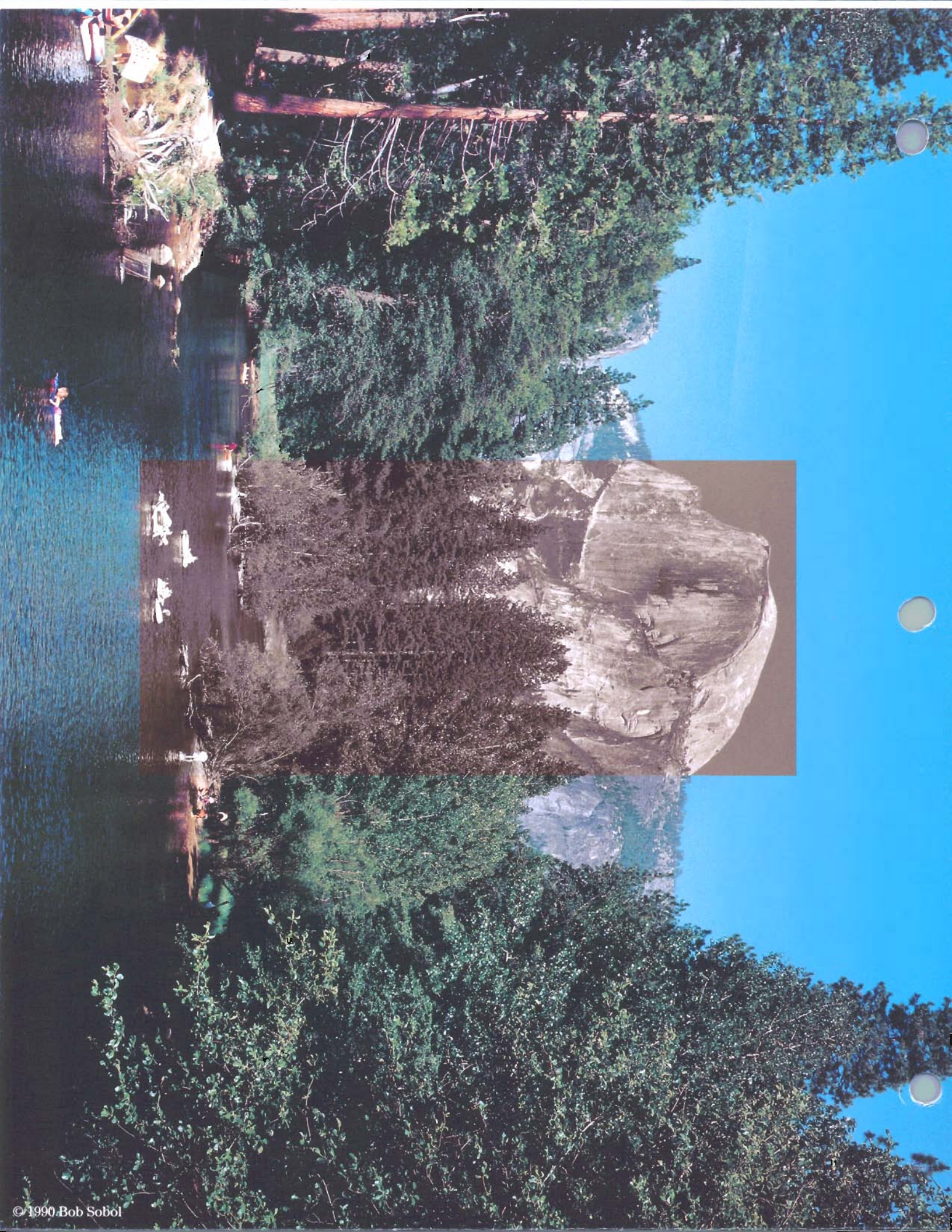
- 400 dpi optical resolution offers increased line-art quality.



Scanned using print path calibration

Scanned without print path calibration

This Product Brief was created entirely by using the HP ScanJet IIc Scanner.



Technical Information

HP ScanJet IIc Scanner

Scanner Type
Flatbed

Optical Resolution

400 dpi (dots-per-inch) (800 dpi with enhanced resolution techniques)

Grayscale

4-bit (16 grayscale levels)
8-bit (256 grayscale levels)

Color

24-bit (16.7 million colors)

Separation Method

Laminated dichroic filter assembly

Scanning Speed*

4 seconds at preview resolutions
15 seconds at 300 dpi (A4 or letter)
20 seconds at 400 dpi (A4 or letter)

Scaling

3 to 200% in 1% increments at 400 dpi resolution (scaling range dependent upon resolution)

Maximum Document Size

216 mm x 356 mm (8.5 x 14 inches)

Light Source

Twin Fluorescent Lamps

Interface

SCSI for Macintosh; dedicated SCSI adapter for PC system.

Automatic Document Feeder (optional)

ADF Type
Platen Feed

Capacity

50 pages

Document Size

127 mm x 178 mm (5 x 7 inches)
216 mm x 365 mm (8.5 x 14 inches)

Environmental Ranges

Temperature Operating: 5 to 40 degrees C (41 to 104 degrees F)
Storage: -40 to 60 degrees C (-40 to 140 degrees F)

Humidity

Operating: 10 to 90% non-condensing (5 to 35 degrees C); 10 to 60% non-condensing (35 to 40 degrees C)

Power

Requirements
Voltage
100 to 240 VAC, auto-ranging
Frequency
50/60 Hz
Consumption
100W maximum

Storage:

10 to 90% (5 to 40 degrees C); 10 to 60% (40 to 60 degrees C)

Product Regulatory Compliance

C1750A: UL1950; Information Technology Equipment; CSA-C22.2 No. 950-M89; IFC 950/EN60950; FCC: Class B Part 15 auto-ranging equipment; FTZ 1046/84 Class B; CISPR 22/EN55022; EN55101.2; EN55101.3.

Physical Specifications

Scanner Height: 155 mm (4.5 inches)
Width: 368 mm (14.5 inches)
Depth: 565 mm (23 inches)
Net Weight: 13.3 kg (29.3 lbs)
Shipping Weight: 15.9 kg (35 lbs)

Automatic Document Feeder:

Height: 118 mm (4.65 inches)
Width: 457 mm (18 inches)
Depth: 585 mm (23 inches)

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For more information:

In North America, call toll-free for the nearest HP authorized dealer:
United States
1-800-752-0900
Canada
1-800-387-3867

For information outside North America:

Australia/New Zealand
Hewlett-Packard Australia Ltd.
(03) 895 2895

Europe/Africa/Middle East

Hewlett-Packard S.A.
(31) 20 547 9999
Far East
Hewlett-Packard Asia Ltd.
(852) 848 7777

Japan

Yokogawa-Hewlett-Packard Ltd.
(03) 3331 6111

Latin America

Hewlett-Packard Latin America Region Headquarters
(525) 202 0155

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Ordering Information

Product No.	Description
C1757A	HP ScanJet IIc scanner for IBM AT-compatible PCs (includes C1752A Interface Kit)
C1758A	HP ScanJet IIc scanner for Micro Channel computers (includes C1753A Interface Kit)
C1759A	HP ScanJet IIc scanner for Macintosh computers (includes C1754A Interface Kit)

Also available:

Product No.	Description
C1751A	HP ScanJet IIc scanner Automatic Document Feeder
C1752A	HP ScanJet IIc scanner interface kit for IBM AT-compatible PC (includes AT interface board, cable, terminator, DeskScan II for Windows, Publishers Paintbrush, user manual)
C1753A	HP ScanJet IIc scanner interface kit for Micro Channel (includes MCA interface board, cable, terminator, DeskScan II for Windows, Publishers Paintbrush, user manual)
C1754A	HP ScanJet IIc scanner interface kit for Macintosh (includes cable, terminator, DeskScan II for Macintosh, DeskPaint, user manual)



* Does not include jump warm-up time; may be limited by host/disk speed.

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