HP ColorPro
Color Desktop Plotter

Technical Data

The *affordable* personal plotter for color business graphics

Features
- High-quality, color graphics for desktop presentations and reports
- Accepts notebook-size paper and transparency film
- Eight-pen carousel
- Two interface options
- Solid software support
- ROM cartridge slot

Designed for the business professional, the HP ColorPro (HP 7440A) plotter creates impressive color desktop presentation graphics on overhead transparency film and vivid report graphics on regular and glossy paper. The ColorPro's lightweight, compact design makes it ideal for desktop use with a personal computer.

High-quality, Color Presentations
The ColorPro plotter gives every presentation an extra-quality edge. With an addressable step size of 0.025 mm (0.001 in.), the plotter can draw smooth circles, crisp characters, and ruler-straight lines, even on the diagonal.

With a high repeatability, output from the ColorPro plotter has properly aligned charts and circles that close.

Eight-pen Carousel
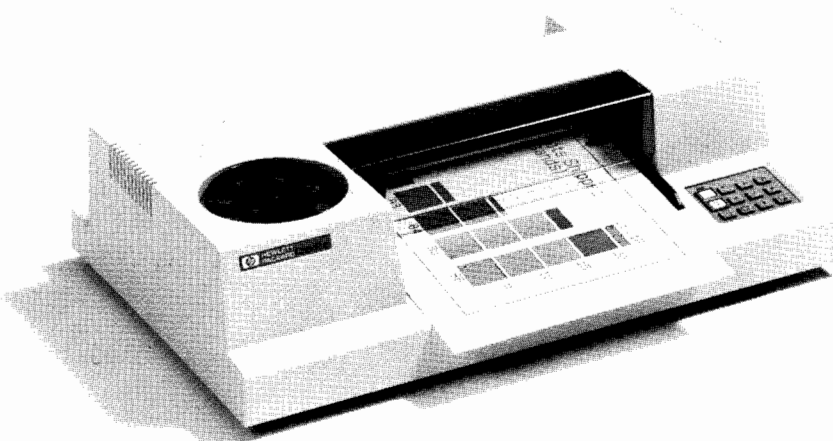The ColorPro's eight-pen carousel provides access to a spectrum of ten colors in two different tip widths. The pens are automatically capped when not in use to prolong pen life, and one carousel holds both paper and transparency pens.

Two Interface Options
From the Apple Macintosh to the IBM PS/2, the COMPAQ Deskpro to the HP Vectra PC, the ColorPro plotter works with virtually any personal computer. The ColorPro plotter comes with one of two interface options—RS-232-C/CCITT V.24 or HP-IB (IEEE 488-1978). It can also be used with minicomputers and mainframes but does not support eavesdrop capabilities in those environments.

Strong Software Support
The ColorPro plotter has solid support from the leading graphics software vendors. For converting numerical data into colorful graphics, there's a variety of sophisticated integrated programs and business graphics/presentation packages. There are also packages designed especially for text charts, organization charts, scheduling diagrams, and more.

ROM Cartridge Slot

To keep up with expanding graphics needs such as emerging graphics standards, the HP ColorPro plotter features a ROM cartridge slot. HP offers a Graphics Enhancement Cartridge (HP 17440A) as an accessory to the ColorPro plotter. The cartridge adds advanced capabilities to your ColorPro plotter such as additional HP-GL (Hewlett-Packard Graphics Language) instructions to draw arcs, circles and polygons; a larger RS-232-C buffer (1024 bytes); and 14 ISO character sets.

Technical Information

Media Sizes
210 × 297 mm (ISO A4)
8½ × 11 in. (ANSI A)

Pens
Number: 8 in a carousel
Type: Fiber-tip (paper and transparency)

Media
Paper (regular and glossy), overhead transparency film

Character Sets
ANSI ASCII, French/German, HP 9825, Scandinavian, Spanish/Latin American

Resolution
Addressable: 0.025 mm (0.001 in.)

Mechanical: 0.025 mm (0.001 in.)

Repeatability
With a given pen. 0.1 mm (0.004 in.)

Pen Velocity
Pen down, maximum: approx. 40.0 cm/s (15.7 in./s)

Pen up: approx. 52.0 cm/s (20.5 in./s)

Programmable: approx. 1.0 to 40.0 cm/s in increments of 1.0 cm/s

Acceleration
Maximum: approx. 1.2g

Maximum Plotting Area
272 × 191 mm for A4
257 × 191 mm for A

Buffer Size
60 bytes

1024 bytes with Graphics Enhancement Cartridge

Environmental Ranges
Temperature
Operating: 0 to 55 degrees C (32 to 131 degrees F)

Storage: −40 to 75 degrees C (−40 to 167 degrees F)

Humidity
Operating: 5 to 95% (at 40 degrees C)

Power Requirements
Source: 100, 120, 220, 240 V, −10%, +5%

Frequency: 48-66 Hz

Consumption: 20 W maximum

Physical Specifications
Heights: 125.0 mm (4.9 in.)

Width: 460.0 mm (18.1 in.)

Depth: 308.0 mm (12.1 in.)

Net weight: 5.5 kg (12.0 lb)

Shipping weight: approx 8.6 kg (19.0 lb)

Product Certifications
FCC certified to conform to limits set for radio frequency when used with a Class B computing device; meets or exceeds IEC-380, IEC-435, and UL-478.

Interface and Cable Requirements

System	Cable
HP Vectra PC with HP 24540A/B serial/parallel interface card or HP 24541A/B dual serial interface card using 9-pin connector	HP 24542G
HP Vectra PC with HP 24541A/B dual serial interface card using 25-pin connector	HP 17255M
HP Touchscreen PC using serial interface	HP 17255M
HP Touchscreen PC using HP-IB interface	HP 10833A (1.0 m) HP 10833B (2.0 m) HP 10833C (3.0 m) HP 10833D (0.5 m)
IBM PS/2, PC, PC-XT, and compatibles	HP 17255D
IBM AT and compatibles	HP 24542G
Apple Macintosh 128K and 512K	HP 92219M
Apple Macintosh SE, Macintosh Plus, and Macintosh II	HP 17302A
Apple IIe	HP 17355M

Ordering Information

Standard Unit

7440A

HP ColorPro color desktop plotter

Option numbers:
001 RS-232-C/CCITT V.24 interface
002 HP-IB (IEEE 488-1978) interface

Note: Interface cables must be ordered separately

Accessories Included

Operating Manual (language appropriate to plotter destination)

Power module (appropriate to plotter destination)

Plotter paper sampler, A4/A size (paper size determined by plotter destination)

Transparency film sampler, A4/A size (film size determined by plotter destination)

Carousel for fiber-tip pens

Assorted fiber-tip paper and transparency pens

HP Plotter Supplies Catalog

Accessories Available

17440A	Graphics Enhancement Cartridge
07440-90000	Hardware Support Manual
07440-90001	Programming Manual (English only)
07440-60085	Additional fiber-tip pen carousel

For a complete list of available supplies, check the current version of the HP Plotter Supplies Catalog or the Hewlett-Packard PC Peripherals Price Guide.

HEWLETT PACKARD

United States:
Hewlett-Packard Company
4 Choke Cherry Road
Rockville, MD 20850
301 670 4300

Hewlett-Packard Company
5201 Tollview Drive
Rolling Meadows, IL 60008
312 255 9800

Hewlett-Packard Company
5161 Lankershim Blvd.
No. Hollywood, CA 91601
818 505 5600

Hewlett Packard Company
2015 South Park Place
Atlanta, GA 30339
404 955 1500

Canada:
Hewlett-Packard Ltd.
6877 Goreway Drive
Mississauga, Ontario L4V1M8
416 678 9430

Australia/New Zealand:
Hewlett-Packard Australia Ltd.
31-41 Joseph Street
Blackburn, Victoria 3130
Melbourne, Australia
03 895 2895

Europe/Africa/Middle East:
Hewlett-Packard S.A.
Central Mailing Department
P.O. Box 529
1180 AM Amstelveen
The Netherlands
31 20/547 9999

Far East:
Hewlett-Packard Asia Ltd.
22/F Bond Centre
West Tower
89 Queensway
Central, Hong Kong
5 848 7777

Japan:
Yokogawa Hewlett-Packard Ltd.
29-21, Takaido-Higashi 3-chome
Suginami-ku, Tokyo 168
03 331 6111

Latin America:
Latin American Region Headquarters
Monte Pelvoux Nbr. 111
Lomas de Chapultepec
11000 Mexico D.F., Mexico
905 596 79 33