

Phaser® 480X Color Printer

Photographic-quality color
prints and digital proofs
on your desktop.



Courtesy Norm Thompson Outfitters



Phaser 480



November 24, 1994

Phaser 480



July 1994

The Phaser 480X delivers photorealistic color printing on Letter-, Tabloid-, and Tabloid Extra-sized media.

As Much Power as You Need

The Phaser 480X offers a cost-effective configuration for every application that requires photorealistic color printing: **Standard** is ideal for scientific imaging, solids modeling, satellite imaging, and architectural rendering. **Plus** delivers photographic-quality color comps, complete with full bleeds. **Prepress** provides accurate digital proofs of DCS files. Now you can print separations, complete with traps and overprints, right on your desktop.

Built for Speed

The Phaser 480X is the fastest color printer in its class. Print full-bleed, double-page spreads at speeds up to 3.2 minutes a sheet.

Independent Image Processing

The Phaser 480X includes a powerful RISC controller with Tektronix' interleaved memory and accelerated image processing. And with 32 Mbytes of memory (expandable to 112 Mbytes), you won't need a dedicated print server — the image processing takes place in the printer.

Color Calibration Made Simple

Tektronix imaging experts designed our device-independent, TekColor™ Dynamic Correction color matching software so it's accurate and easy to use. It's included with every Phaser 480X. And for the most precise prepress applications, the PhaserMatch™ color calibrator allows you to create custom color profiles to your exact specifications. You can adjust dot gain, density, and the color reproduction curve to simulate the color output of your target press, paper, and ink.

Crisp Type and Fine Details

For most dye sublimation printers, the same properties that enhance smooth, photo-realistic color transitions also tend to soften type and hard edges. But thanks to our exclusive TekColor Photofine™ rendering technology, the Phaser 480X outputs sharp text, crisp graphics, and smooth, photographic shading. This is dye sublimation color printing at its very best.

Call 1-800-835-6100 for your nearest Tektronix dealer.
http://www.tek.com/Color_Printers/





Phaser® 480X Color Printer Specifications



Color Technology Dye sublimation, continuous-tone, 300 dpi.

Controller 24-MHz RISC processor with interleaved memory.

Language Genuine Adobe™ PostScript™ Level 2.



TekColor Dynamic Correction Provides accurate simulation of commercial printing presses and the ability to create custom color profiles. Choose standard simulations for *SWOP* (Publication grade), *Commercial*, *SNAP* (Newsprint), or *Euroscale* presses.

With PhaserMatch™ color calibration you can fine-tune the color reproduction curve, color density curve, and dot gain to create custom profiles for your press, ink, and paper.



Color Standards PANTONE®-approved solid color simulations, Adobe PostScript Level 2 device-independent color, CIE international color standards, and support for ICM and Apple ColorSync color management systems.



Network Interfaces *Standard:* AppleTalk, parallel, RS-232 serial, and SCSI port for external font disk; *Optional:* Ethernet interface with support for Novell® NetWare®, EtherTalk™, and TCP/IP protocols. All ports and protocols are simultaneously active.

Fonts 39 resident fonts additional fonts may be downloaded; built-in support for PostScript Type 1, Type 3, and TrueType™ fonts; SCSI port supports external hard-disk storage of additional fonts.



Connectivity Macintosh, Windows/DOS PCs, OS/2, and UNIX.



Printer Drivers *Standard:* Macintosh (includes QuickDraw GX) and Windows; PhaserPrint™ plug-in provides direct download from Adobe Photoshop, Macintosh version; *Optional:* Workstations — SUN, SGI, HP, IBM, and DEC.

Media Types Tektronix cut-sheet paper and transparencies.

| Media | Size | Image Area |
|----------------|---------------------------|-----------------|
| Letter: | 8.5 x 11 in. 8.2 x 10 in. | |
| A4: | 210 x 297 mm | 203 x 273 mm |
| Tabloid: | 11 x 17 in. | 10.7 x 16 in. |
| A3: | 297 x 420 mm | 290 x 396 mm |
| Tabloid Extra: | 12.6 x 18.3 in. | 11.9 x 17.2 in. |
| | 320 x 465 mm | 303 x 436 mm |

Print speed

| Transfer Roll | Letter | Tabloid Extra |
|---------------|-------------|---------------|
| 3-Color : | 2.3 minutes | 3.2 minutes |
| 4-Color: | 2.8 minutes | 4.0 minutes |
| Black: | 1.2 minutes | 1.5 minutes |

Transfer Roll Capacity

| | |
|-------------------------|---------------------|
| 3-Color Universal-size: | 215 prints per roll |
| 4-Color Universal-size: | 160 prints per roll |
| 4-Color Letter/A4-size: | 210 prints per roll |
| Black Universal-size: | 650 prints per roll |

* Pantone Inc.'s check-standard trademark for color reproduction and color reproduction materials.

Warranty/Support Our comprehensive support system TekColor Care, includes toll-free technical support, a user newsletter, on-demand fax reference library, online services, and a one year warranty (return-to-depot in country of original purchase).

Ordering Information Phaser 480X

Includes power cord; user manual; Tabloid paper tray (adjustable for Tabloid, A3, and Tabloid Extra media); media start-up kit; cleaning kit; and utilities and drivers with an instruction manual.

Standard Configuration

Includes 32 Mbytes of RAM and supports 3-color printing on all media sizes. Order Z480X/A

Plus Configuration

Includes Ethernet interface with support for EtherTalk and Novell NetWare protocols and 48 Mbytes of RAM; supports 4-color printing on all media sizes. Order Z480X/B

Prepress Configuration

Includes Ethernet interface with support for EtherTalk, Novell NetWare and TCP/IP protocols and 96 Mbytes of RAM; supports printing separations of DCS (Desktop Color Separation) files. Order Z480X/C

Options — Additional Memory

Additional memory can be added in increments of 16- or 32-Mbyte SIMMs. Total memory capacity is 112 Mbytes.

Ethernet Interface

Internal Ethernet interface with support for Novell NetWare and EtherTalk protocols.

TCP/IP Protocol

Adds TCP/IP protocol (requires Ethernet interface).

Media Tray

Input tray for Letter- or A4-size paper and transparency prints. Order 436-0272-00

TekColor Care Service Plans

RealSUPPORT™ extended warranty programs with parts and labor coverage:

Installation and set-up: Order 46S0

One year of On-site Service: Order 46YS1

Two years of On-site Service: Order 46YS2

Three years of On-site Service: Order 46YS3

Argentina: 54 1 805 2700; Australia: 02 888 7066; Beijing: 8610 834 7657, 849 2340 2; België en Luxemburg: 02 725 96 10; Brazil: 55 11 543 1911; Canada: 416 747 5000; Caribbean: 407 692 9900; Chile: 562 235 1190; Denmark: 44 53 54 55; Deutschland: 0221 9477 0; E.Europe, Near East and Eire: +44 1628 403627; Egypt: 0261 9291; España: 1 372 6012; France: 1 69 86 81 81; Gulf Region: 971 2 318 813; Hong Kong: 852 2585 6688; India: 80 226 5470; Indonesia: 62 21 520 1432; Israel: 3 645 8777; Italia: 02 25086 499; Japan: 3 3448 4872; Korea: 82 2 528 5299; Kuwait: +965 2 436 045; Malaysia: 60 3 293 9322 or 60 3 293 6000; México: 52 5 564 6649 or 52 5 628 1000 or 52 8 333 6622; Nederland: 02503 95555; New Zealand: 9 415 6928; Norge: 22 07 07 00; Österreich: +44 1628 403627; Pakistan: 92 21 455 5915; Philippines: 63 2 890 0111; Puerto Rico: 809 792 5139; Saudi Arabia: 01 477 1650; Schweiz: 042 21 91 92; Shanghai: 8621 471 0330; Singapore: 65 356 3900 or 65 469 8833 or 475 5200 or 278 8988 or 748 3668; S.Africa: 11 444 7716; Suomi: 90 4783 4220; Sverige: 08 629 65 01; S.Korea: 82 2 538 9942; Taiwan: 886 2 765 6362; Thailand: 66 2 308 2900; U.K.: 01628 403600; U.S.: 503 682 7377



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