Tektronix

Phaser™ 480X Colour Printer

Photographic-quality colour prints and digital proofs on your desktop

Courtesy Norm Thompson Outfitters

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

As Much Power as You Need

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

Independent Image Processing

The Phaser 480X includes a powerful 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.

Built for Speed

The Phaser 480X colour printer is extremely fast. Print full-bleed, double-page spreads at speeds up to 3.2 minutes a sheet.

http://www.tek.com/Color_Printers/

Colour Calibration Made Simple

Tektronix imaging experts designed our device-independent, TekColor™ Dynamic Correction colour 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™ colour calibrator allows you to create custom colour profiles to your exact specifications. You can adjust dot gain, density, and the colour reproduction curve to simulate the colour output of your target press, paper, and ink.

Crisp Type and Fine Details

For most dye sublimation printers, the same properties that enhance smooth, photorealistic colour 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 colour printing with no compromises.

TekColor

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Tektronix

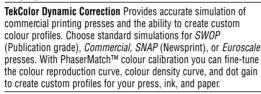## Phaser™ 480X Colour Printer
Specifications

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

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

Memory 32 Mbytes standard, expandable to 112 Mbytes.

Controller 24-MHz RISC processor with interleaved memory and accelerated image processing.

Language Genuine Adobe PostScript Level 2.

TekColor Dynamic Correction Provides accurate simulation of commercial printing presses and the ability to create custom colour profiles. Choose standard simulations for *SWOP* (Publication grade), *Commercial, SNAP* (Newsprint), or *Euroscale* presses. With PhaserMatch™ colour calibration you can fine-tune the colour reproduction curve, colour density curve, and dot gain to create custom profiles for your press, ink, and paper.

Colour Standards PANTONE®*-approved solid colour simulations, Adobe PostScript Level 2 device-independent colour, CIE international colour standards, and support for ICM and Apple ColorSync colour 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 in memory; built-in support for PostScript Type 1, Type 3, and TrueType™ fonts; SCSI port supports external hard-disk storage of additional fonts.

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

Print speed

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

Transfer Roll Capacity

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

Warranty/Support TekColor™ Care, our comprehensive support system, provides telephone technical support, an on-demand fax reference library, and a one-year warranty (return-to-depot in country of original purchase). For additional care, Tektronix offers extended service plans.

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

http://www.tek.com/Color_Printers/

Ordering Information Phaser 480X
Includes power cord; user manual; Tabloid paper tray (adjustable for A3, Tabloid, 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-colour printing on all media sizes. Order Z480XA

Plus Configuration
Includes Ethernet interface with support for EtherTalk and Novell Netware protocols and 48 Mbytes of RAM; supports 4-colour printing on all media sizes. Order Z480XB

Prepress Configuration
Includes Ethernet interface with support for EtherTalk, Novell Netware and TCP/IP protocols and 96 Mbytes of RAM; supports DCS (Desktop Colour Separation files). Order Z480XC

Options
Additional Memory
Additional Phaser 480X memory can be added in increments of 16- or 32-Mbyte SIMMs. Total memory capacity is 112 Mbytes.
Add 16 Mbytes of RAM Order Option 16
Add 32 Mbytes of RAM Order Option 32

Ethernet Interface
Internal Ethernet interface with support for Novell NetWare and EtherTalk protocols. Order Option P1

TCP/IP Protocol
Adds TCP/IP protocol support to the Ethernet interface (requires Option P1). Order Option P2

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

TekColor Care Service Plans
Warranty Plus™ extended warranty programs with parts and labor coverage:
Installation and set-up: Order Option S0
One year of On-site Service: Order Option S1
Three years of On-site Service: Order Option S3

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