



KODAK XLT 7720  
Digital Continuous Tone  
Printer



PROFESSIONAL  
I M A G I N G



## Photographic-Quality Output from Your Computer

The KODAK XLT 7720 Digital Continuous Tone Printer is designed for imaging applications that require photo-like quality hard copies of electronic images. The XLT Printer uses Kodak's advanced thermal dye transfer process to produce high-resolution transparencies and prints in only minutes.

With its unique high-efficiency color donor ribbon, the XLT 7720 Printer is a productive, high-quality printing

solution for volume (single-pass) output of overhead transparencies and reflective prints. It is also an ideal choice for color or black-and-white output in applications such as computer-aided product and creative design, medical and scientific imaging, photo-journalism and pre-press.

Features include: advanced thermal dye transfer technology for continuous tone transparencies and prints with 16.7 million colors and 256 levels of gray; three output sizes—8½ x 11 in., 11 x 11 in. and A4; low-noise operation; designed and made in the U.S.

### Continuous Tone, Thermal Dye Sublimation

Continuous tone, photo-like output is achieved using Kodak's innovative thermal dye transfer process. This process unites three key elements: a thermal print head with 2,048

resistive heating elements (203 per inch), a ribbon cartridge containing color dyes, and KODAK EKTATHERM Media (paper or transparency material).

### Versatile Output Options

The XLT 7720 Printer offers a variety of output formats. To meet projection and hard copy needs, the printer accepts transparency materials as well as thermal print paper. For additional flexibility, three output sizes are available for both prints and transparencies: 8½ x 11 in., 11 in. square, and A4 (European size).

### Hard Copy in Minutes

Printing an 8½ x 11-in. color transparency or print takes about three and a half minutes; for the same size black-and-white print, about a minute and a half.

## Designed for Flexibility and Easy Integration

The KODAK XLT 7720 Digital Continuous Tone Printer is designed for integration with your computer system. Choose from models with IEEE 488 or SCSI interface for connecting the XLT 7720 Printer to a broad range of personal computers and computer workstations.

### Enhancement Capabilities

The XLT 7720 Printer offers image enhancement features to supplement the host system's capabilities. These include an image scaling function for reducing and enlarging images, edge enhancement for sharpening images, text annotation, mirror image representation, and 90-degree image rotation.

### MACINTOSH Computer Support

Several software packages are available from Kodak to support users in MACINTOSH Computer environments:

- **KODAK TableMaker Software.** Create and modify color correction tables quickly. Modify black level, gamma and contrast values; adjust hue and saturation values. Works on any MACINTOSH Computer with 1 MB RAM and system 6.0 or later.

CAT NO. 824 8833

• **KODAK XL Chooser Driver and Server Software.**

Allows users to print to the XLT 7720 Printer from most graphics and desktop publishing applications using APPLE QuickDraw Software. KODAK *TableMaker* is also included. Works with MACINTOSH LC, SE30, II, IIx, IIcx, IIci, IIfx Computer with 2 MB RAM, hard disk, APPLE QuickDraw Software (32 bit) and system 6.0.3 or later.  
CAT NO. 166 5587

• **KODAK XL Module Software.** An export module for direct output to the XLT 7720 Printer from ADOBE PhotoShop, FRACTAL DESIGN's Painter, LETRASET Color Studio, TIME ARTS Oasis, and MICRO FRONTIER ColorIt software applications. The program provides a dialog box interface for control over XLT Printer features. Works on any MACINTOSH II Computer with 2 MB RAM, hard disk and system 6.0.2 or later, and one of the above applications.  
CAT NO. 154 3735

• **Professional Output Manager/KODAK XL Printer only version.** A PostScript Language software rasterizer and output manager for queuing and printing of files. Dialog interface box controls XLT Printer functions. Supports PostScript, EPS, PICT, and Scrapbook files. Works with any MACINTOSH II Computer with Finder 6.1 or later, APPLE QuickDraw Software (32 bit) and system 6.0.2 or later.  
CAT NO. 144 5600

**MICROSOFT WINDOWS Support**

These software products are designed to enhance both quality and convenience while operating with MICROSOFT WINDOWS 3.0 or 3.1:

• **ZENOGRAPHICS SuperPrint Kit.** For high-quality rasterizing of complex graphics, bit maps, and scalable fonts. SoftRIP technology allows stand-alone or network printing. Includes SuperPrint, KODAK *TableMaker* Software, Future Domain SCSI interface card, and a 6-foot SCSI cable. Requires IBM PC-AT or PS/2 or compatible; running DOS 5.0 and WINDOWS 3.0 or later, with minimum 4MB RAM, 15MB free space on hard disk.

Software only (no interface card or cables)  
CAT NO. 190 4366

For ISA and EISA IBM PCs and compatibles  
CAT NO. 849 1326

For IBM PS/2 Microchannel computers  
CAT NO. 144 6194

• **ZENOGRAPHICS SuperPrint Network Driver.** A network driver that includes software and drivers for five users work with SuperPrint from a server machine attached to an XLT 7720 Printer. (Works with NOVELL NetWare, BANYON VINES, MICROSOFT LAN Manager, and IBM LAN Server). Additional network packs can be ordered to support more users.  
CAT NO. 839 6160

• **KODAK TableMaker Software.** Create and modify color correction tables quickly. Modify black level, gamma and contrast values; adjust hue and saturation values. DOS and WINDOWS 3.0 and 3.1 versions are provided. Requires DOS 3.0 or later; WINDOWS 3.0 or later; and EGA, VGA, Hercules or other compatible graphics card.  
CAT NO. 840 4998

**UNIX Support**

• **XL Print Applications for SUN SPARCstations, SCSI Interface.** Includes XLX Print, *TableMaker* and XLcal programs. This package allows users to print SUNRASTER and RGB Planar image types and utilize and create color correction tables.  
CAT NO. 844 3954

**POSTSCRIPT Language Support**

Several third-party vendors have developed hardware and software upgrades for the XLT 7720 Printer to allow it to operate under ADOBE's PostScript Language. These include: ColorAge, Inc., Integrated Device Technology, Pacific Data Group, Questar and Visual Business Systems.

**Third Party Support**

A complete list of third-party software to support the XLT Printer is available free of charge. A programmer's reference manual is also available for developers interested in supporting new applications in DOS, UNIX and MACINTOSH Computer environments. To order call 1-800-242-2424.

KODAK EKTATHERM Media Products

**Quality,  
Durability,  
Stability**



Kodak offers a full range of EKTATHERM Media Products for the XLT 7720 Printer, including KODAK EKTATHERM B&W and Color Ribbon Cartridges, Print Paper, and Transparency Material.

Kodak's ribbon cartridges contain a proprietary dye set created specifically for thermal dye transfer printing. These dyes not only yield excellent color reproduction, but also superior image stability on either EKTATHERM Print Paper or Transparency Material.

High-density transparencies are created in a single pass for each color (Cyan, Magenta, Yellow). KODAK EKTATHERM Print Paper—coated with a special dye-receiving layer—has the look and feel of traditional photographic paper prints. Prints are extremely durable, with excellent scratch and abrasion resistance, and resist curling. Dyes also resist retransfer to adjacent surfaces, so the prints are stable.

# KODAK XLT 7720 Digital Continuous Tone Printer

Specifications	Physical Specifications	Configuration Options	Cat. No.
<b>Description</b> Digital color printer	<b>Dimensions (H x W x D)</b> • Tabletop: 15" x 20" x 24" (38.10 cm x 50.80 cm x 60.96 cm) • Rack-mounted: 14" x 19" x 22.5" (35.56 cm x 48.26 cm x 57.15 cm)	KODAK XLT 7720 Digital Continuous Tone Printer, XLT 7720-CI (IEEE 488)	107 4913
<b>Printing process</b> Thermal dye sublimation	<b>Weight</b> Approx. 130 lbs. (59 kg)	KODAK XLT 7720 Digital Continuous Tone Printer, XLT 772-CS (SCSI)	848 9551
<b>Color resolution</b> • 16.7 million colors • 24 bit color • 256 levels of gray	<b>Input tray capacity</b> 100 sheets	KODAK XLT Printer Tabletop Side Panel Kit, XLT 7050	171 4633
<b>Print time (8½ x 11 in. size)</b> • B&W prints: 1.6 minutes • B&W transparencies: 2.2-3.2 minutes* • Color prints: 3.2 minutes • Color transparencies: 3.2-12.0**	<b>Computer interface options</b> • IEEE 488 OR • SCSI	KODAK XLT Printer Rack & Slide Mount Kit, XLT 7052	129 2655
<b>Maximum Density Range</b> • Reflection: 0.07-2.5 • Transmission: 0.05-2.7	<b>Voltage</b> 100, 120, 220 or 240 V AC, ± 10%	<b>Media</b>	Cat. No.
<b>Media Specifications</b>	<b>Current</b> • 8 amps max. at 120 V • 5 amps max. at 240 V	KODAK EKTATHERM Color Ribbon Cartridge, XL 100-C	804 6146
<b>Output options</b> • Reflection prints • Transparencies	<b>Frequency</b> 50/60 Hz	KODAK EKTATHERM Color Transparency Ribbon Cartridge, XLT 100-C	198 7965
<b>Output Sizes</b> • 8½ x 11 in. • 11 x 11 in. • A4 (8.27 x 11.69 in., 210 x 297 mm)	<b>Ambient temperature</b> 59-86°F (15-30°C)	KODAK EKTATHERM B&W Ribbon Cartridge, XL 300-B	808 1614
<b>Maximum image area</b> • 8½ x 11 in. and A4 sizes: 7.56 x 10.08 in. (1536 x 2048 pixels) • 11 x 11 in. size: 10.08 x 10.08 in. (2048 x 2048 pixels)	<b>Ambient humidity</b> 15-76% (relative)	KODAK EKTATHERM Print Paper, XL 100-8P (8½" x 11")	808 1895
<b>Maximum prints/ribbon cartridge</b> • Color: 100 • B&W: 300	<b>Standards</b> • Safety: UL 478, CSA C22.2 #220-M 1986, IEC-950 (EN60950) • EMI: VDE 8806 Class B; FCC Rules Part 15, Subpart J, Class A; EEC 499 (1982), European Standard EN 55022	XL 100-11P (11" x 11")	845 3698
		XLT 100-A4P (A4)	139 2398
		KODAK EKTATHERM Transparency Material, XL 100-8T (8½" x 11")	810 6346
		XL 100-11T (11" x 11")	820 4927
		XLT 100-A4T (A4)	179 7711
		<b>Accessories</b>	Cat. No.
		KODAK XL Printer Tray, XL 7040	182 5561
		KODAK XLT A4 Printer Tray, XLT 7048	197 7545
		KODAK XLT Print Catcher, XLT 7044	124 0977
		KODAK EKTATHERM Ribbon Cartridge Protector, XL 7042	142 2708
		*Depending on density selection **Depending on density and ribbon cartridge selections. NOTE: Catalog numbers may vary between U.S. and Canada. Kodak and Ektatherm are trademarks.	
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