Colorwriter LSR 2000+ Printer
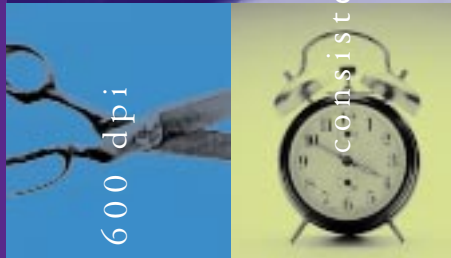
Throughout your colour printing operations, the system works wonders. It compiles advanced job-accounting and system-usage information, which can be used for usage analysis or billing purposes. It automatically switches between network protocols of EtherTalk, Novell IPX, and TCP/IP, and monitors all input connections for system integrity and your peace of mind!

Dovetails with your business, your workload

To dovetail the Colorwriter LSR 2000$^+$ with your colour-printing needs and maximise the cost-effectiveness of your printer investment, you can choose a model with a memory capacity of 16 MB or 32 MB. And, you can start small and add upgrades as your needs grow.

For example, if your current needs for colour printing are low-end prepress and digital publishing or high-end office documents, you can start with the 16 MB model. Then, as your needs for performance and capabilities grow, you can add the Professional Colour Kit (PCK), which also includes an additional 16 MB RAM, and upgrade your printer to the full capabilities of the 32 MB model, suitable for high-end graphic arts and prepress publishing applications.

Operates easier than office copiers

The Colorwriter LSR 2000$^+$ specialises in easy operations, for example:

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Loading and replacing the paper and the colour-toner cartridges are as easy as loading a film cartridge in a camera.

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With the built-in hard drive, you can easily perform spooling, downloading of fonts and forms and system upgrades, resident printer queues, and, with the SCSI interface, system upgrades via CD-ROM.

The Digital name: your deciding factor

The Colorwriter LSR 2000$^+$ is a cutting-edge product in every aspect – performance, speed, and quality. Perhaps the most important factor in your purchase decision is the world-class, worldwide service and support available to you from Digital Equipment Corporation.

Our commitment to you is a total one. Available to you with every Digital product are the resources, the expertise, and the core competencies we've developed over the last 40 years to keep our customers' businesses up and running and their operations a picture of success.

If all the variables in your buying decision appear to be equal and you're weighing each and every factor, remember – we're doing whatever it takes to make Digital your deciding factor.

performance +

digital

Printing Systems

Specifications

Technology	Electrophotographic laser
	True 4-colour process (cyan, magenta, yellow and black)
Controller/processor speed	Fiery XJe/100 MHz
Print speed	3 ppm colour, 12 ppm monochrome
Print resolution	600 x 600 dpi
Colour quality	Continuous tone output (256 colour levels per pixel)
Language	Adobe PostScript Level 2
Colour management	ColorSync 2.0 compatible
	Windows 95 ICM compatible
	Kodak Precision compatible
	Adobe PostScript Level 2 device independent colour matching
	EFICOLOR and ICC colour management profiles
	Solid colour simulations through Pantone-certified EFICOLOR
Printer drivers	Macintosh, Windows 3.1, Windows 95, Windows NT 3.51 (included in box), UNIX,* OpenVMS**
	* PPDs for supporting applications ** requires PATHWORKS for Macintosh to run AppleTalk with DCPS or DEC TCP/IP services for OpenVMS for TCP/IP (1pr)
Connectivity	
Autosensing ports:	Adobe IntelliSelect,Centronics Parallel, Ethernet (RJ45 and AUI built-in, BNC optional)
Simultaneous auto-switching protocols:	EtherTalk, TCP/IP, Novell NetWare IPX
Memory	16 MB or 32 MB standard, 48 MB maximum
Internal hard disk	341MB
Resident typefaces	39 Adobe Type 1 outlines
Media types	Plain paper, 60-105 g/m² bond (16-28 lb.), transparencies
Paper size	A4 (210 x 297 mm)
	B5 (257 x 182 mm)
	Letter (8.5 x 11 in.)
	Legal (8.5 x 14 in.)
Printing area	Border width of non-imageable area: top 10.0 mm, bottom 5.0 mm, left 5.0 mm, right 5.0 mm (Letter, Legal, A4, B5)
Paper input	
Standard	350 sheets (100-sheet multipurpose feeder and 250-sheet universal tray)
Optional	250-sheet tray (increases input to 600 sheets total)
Paper output	100 sheets face down or 20 sheets face up
Duty cycle	Up to 20,000 pages per month
Weight	Approx. 50 kg, 110 lb. (printer without paper)
Dimensions	540W x 580D x 460H mm (21.3W x 22.8D x 18.1H inches)
Warranty	One-year on-site warranty

Ordering information

Part number	Description
LNC01-##	Colorwriter LSR 2000+ (includes one each CMYK toner cartridges, OPC drum, silicon oil bottle, toner waste bottle, documentation set, supported drivers, colour matching utilities, colour matching tables, power cord, warranty)

Accessories & supplies

Part number	Description
LNC1X-CD	16MB memory upgrade for LSR 2000+ kit with PCK
LNC1X-CE	32MB memory upgrade kit with PCK
LNC1X-AA	Black toner cartridge (4000 pages @ 5% coverage)
LNC1X-AB	Cyan toner cartridge (4000 pages @ 5% coverage)
LNC1X-AC	Magenta toner cartridge (4000 pages @ 5% coverage)
LNC1X-AD	Yellow toner cartridge (4000 pages @ 5% coverage)
LNC1X-AE	OPC drum (5,000 - 30,000 pages)*
LNC1X-AF	Silicon oil bottle (10,000 pages)
LNC1X-TA	Optional paper feeder (250-sheet additional capacity; includes universal tray)
LNC1X-TB	Universal paper tray (for use as extra tray)
LNC1X-AG	Box of 50 transparencies (letter size)
LNC1X-AH	Box of 50 transparencies (A4 size)
DECXM-AA	Ethernet AUI-to-ThinWire media access unit

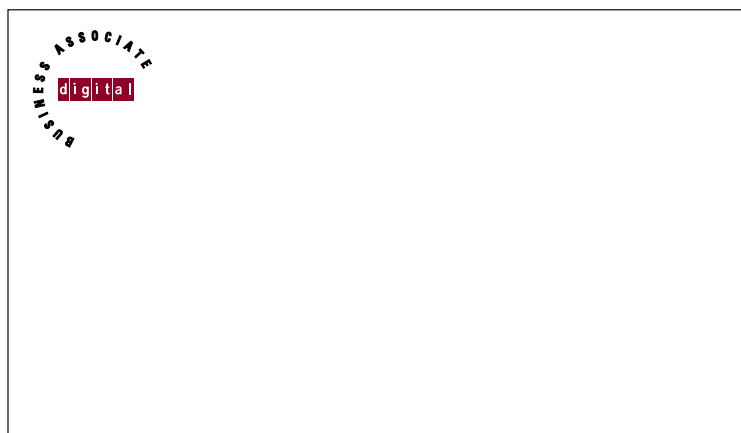| ## Country kits:	16MB	32MB	## Country kits:	16MB	32MB
N.America	DA	HA	Italy	BI	FI
Sweden, Finland, Norway, Portugal, Holland	DE	HC	Switzerland (Fr)	BK	FK
			(Ger)	BL	FL
Denmark	BD	FD	France	BP	FP
United Kingdom Ireland	BE	FE	Spain	BS	FS
			Israel	BT	FT
Germany	BG	FG	Australia and, New Zealand	BZ	FZ

Note: For additional ordering information and availability of international variants, contact your authorised Digital reseller or sales representative.

* OPC drum life is an estimate only and will be highly dependent upon the mix of colour images and black only images being printed. The frequency of the auto calibration and the amount of continuous versus intermittent printing that occurs will also contribute to overall drum life.

Want to learn more?

For more information on how the Colorwriter LSR 2000+ shouts in masterpiece colour at mass production speed, or about Digital's other network printing solutions, contact your Digital Authorised Reseller or Digital sales representative.

Visit us on the web at www.printers.digital.com

digital

Printing Systems

Colorwriter LSR 2000⁺

Masterpiece colour printing at mass-production speed

It Shouts! To be heard in the noisy, message-laden world of business you have to shout. It's a case of pass or fail. Nothing in between. You either shout your messages in crisp, fiery, high-quality colour, or your messages fall flat – unseen, unheard, unheeded.

creative

Yes, colour shouts. Studies show that colour increases readership by 40%, response-rate by 20%, and retention by 18%. This performance record of colour publishing accounts for the ever-increasing appeal for faster, higher-quality, lower-cost colour output.

The Digital Colorwriter LSR 2000⁺ exceeds these stringent demands.

For when it comes to shouting pictorial messages in colour – directly from your desktop to the eyes of your customers – nothing speaks louder than the crisp, fiery, continuous-tone colour output of the Digital Colorwriter LSR 2000⁺.

Take a snapshot of typical applications

The high-performance capabilities of the Colorwriter LSR 2000⁺ make it ideally suited for a broad spectrum of applications – from office colour-printing to prepress publishing; from final-output presentations to virtually instant colour proofs.
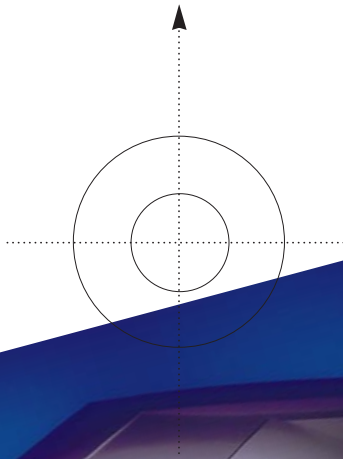
Colorwriter LSR 2000⁺

Masterpiece quality prints
Producing prints in 600 dpi continuous-tone quality with 32-bit colour, the output of the Colorwriter LSR 2000⁺ is comparable to that of high-end colour laser copiers. With the colour output precisely managed by the Fiery XJe controller's Fiery Print Calibrator and colour management tools, every print – print after print – stays as crisp, clear, and luxurious as the first.

Mass-production speed
The Fiery XJe controller's RIP-While-Print and Continuous Print functions ensure that the Colorwriter LSR 2000⁺ operates at its mass-production processing speed. At print speeds of 12 ppm monochrome and 3 ppm colour, it is comparable to the speed and quality of colour laser copiers. However, it prints text up to three times faster than other desktop laser printers, and processes complex graphics up to six times faster.

Digital Colorwriter LSR 2000⁺

High-performance graphics

In design studio, graphic arts applications, the high performance of the Colorwriter LSR 2000⁺ means you can meet your deadlines faster and increase your production capacity for complex colour printing jobs. When you present your customers with continuous-tone proofs from the Colorwriter LSR 2000⁺, they'll immediately notice the higher quality. They can see for themselves how your proofs more accurately reflect the finished product. That means you not only speed up your review and approval cycles, but gain a definite competitive advantage in the process.

Business office

In an office environment, these same characteristics mean you can keep your colour work in-house and decrease lead times and costs associated with outsourcing. Thus, you can improve workflow efficiency and manage tight deadlines more effectively.

Whatever it takes...
in Network Printing Solutions

600 dpi *Aa*

Separations and colour adjustment

Now gain an overall perspective

Whatever your business, when you need high-quality, continuous-tone colour output at production speed, you'll want to know more about the Digital Colorwriter LSR 2000$^+$.

The Digital Name: Your Deciding Factor

Produces masterpiece colour prints

The proof of a printer's performance lies in its output. Examine the enclosed output samples of the Colorwriter LSR 2000$^+$. See how they compare with the output of high-end, colour laser copiers.

Technically, these samples show the results of 600 dpi continuous-tone print quality with 32-bit colour. What you will experience is a masterpiece of blazing colour reproduction so sharp, crisp, and luxurious you'll swear you're looking at live arrangements in an artist's studio.

To achieve these effects, the Digital Colorwriter LSR 2000$^+$ applies the highest standards in continuous-tone colour laser technology. The heart of this technology is the EFI Fiery XJe controller and its set of colour

management tools including the Fiery Print Calibrator, which automates the system calibration process for colour accuracy and consistency.

Precisely managed colour quality

To produce accurate, consistent, masterpiece-quality colour, print after print, the Colorwriter LSR 2000$^+$ boasts the most comprehensive collection of colour management tools available.
– Colour Matching Charts
– Colour Reference Pages
– EFICOLOR CRDs
– Industry-Standard Colour
  Profiles.

Processes as fast as colour laser copiers – at a quarter of the cost

Speed and quality – according to conventional wisdom – are at opposite ends of the spectrum. But when it comes to speed, without compromising quality, the Colorwriter LSR 2000$^+$ definitely defies convention. With its print speed of 3 pages per minute (ppm) colour, 12 ppm mono-chrome – no other desktop colour laser printer processes

Pantone Colour System

faster than the Colorwriter LSR 2000$^+$! In fact, the Colorwriter LSR 2000$^+$, equipped with Adobe PostScript Level 2 and the 100 MHz Fiery XJe controller, processes complex files and images and its set of colour management tools faster than most leading desktop colour laser printers. That's comparable to the performance of high-end colour laser copiers!

This is accomplished through its patented RIP-While-Print and Continuous Print technology. RIP-While-Print is the speed enhancing technique of processing images while printing current images.

Continuous Print enhances speed by keeping the printer cycled up to always drive at its maximum rated speed.

Exceptional values

The Colorwriter LSR 2000$^+$ is an exceptional value, achieving its masterpiece-quality colour printing at a breakthrough low cost – up to a quarter the cost of colour laser copiers!

A major contributor to the LSR 2000$^+$ value is its Starr Compression. This cutting-edge technique virtually doubles the system memory without sacrificing speed or quality. And doubling system memory means you don't pay for an additional memory configuration.

Your greatest cost savings will come when you reduce your dependence on outside resources. With your new Colorwriter LSR 2000$^+$ you'll be able to accomplish all your colour printing needs in-house, dramatically reducing those high costs associated with outsourcing your colour publishing services.

Works wonders across mixed-platform networks

The built-in networking capabilities multiply the usefulness of the Colorwriter LSR 2000$^+$. Its standard Centronics Parallel and Ethernet interfaces connect with diverse platforms, including:
– Macintosh
– Windows
– UNIX
– OpenVMS.

When equipped with the Professional Colour Kit (PCK), consisting of Colorwriter LSR Downloader, Colorwriter LSR Spooler, and Colorwriter LSR Queue Manager software, the Colorwriter LSR 2000$^+$ puts you in complete control.

From across the network – from virtually any workstation – or at the control panel, you can perform such functions as:
– Print and reprint jobs
– Download and delete jobs
– Prioritise
– Update system code.

Resident Adobe Typefaces

Times
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz0123456789

Helvetica
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz0123456789

Helvetica Narrow
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz0123456789

Helvetica Condensed
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz0123456789

ITC Avant Garde
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz0123456789

Palatino
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz0123456789

ITC Bookman
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz0123456789

New Century Schoolbook
ABCDEFGHIJKLMNOPQRSTUVWXYZ
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ITC Zaphf Dingbats
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ITC Zapf Chancery
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Symbol
ΑΒΧΔΕΦΓΗΙϑΚΛΜΝΟΠΘΡΣΤΥςΩΞΨΖ
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Courier
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