



ScanPlus 6 LF742

**BASIC MODEL: 42" WIDE, 1200DPI, COLOR SCANNER, SCANS 0.6 IPS IN INDEXED COLOR AND 12.0 IPS IN MONOCHROME
PLUS MODEL: 42" WIDE, 9600 DPI, COLOR SCANNER, SCANS 1.0 IPS IN INDEXED COLOR AND 12.0 IPS IN MONOCHROME**



FEATURES:

- 42" Wide Scanning
- Fast monochrome scanner with added color capabilities
- 16-bit graytone capture for perfect reproduction of gray shades
- 48-bit color capture for photo-realistic vivid color
- One Touch Scan buttons for scan, copy and scan to e-mail
- Replaceable parts bring down service costs
- Scans Thick Media—up to 0.6"
- Automatic Thick Media Adjustment Control (ATAC)
- Advanced image enhancements includes sharpening, softening, blur, 2D-adaptive, ADL+ copy and more
- All-Wheel-Drive precision tracking system
- Built-in precision color system
- Calibrates to both sRGB and NTSC color spaces
- 3C Auto-Maintenance system
- Advanced Power Management system
- Supports FireWire Plug'n'Play and USB 2.0 interfaces
- Scan to PDF format option
- Scan to network, also across the Internet
- **Two-year on-site service (USA only)**



SCANNER APPLICATIONS

The ScanPlus 6 LF742 wide format color scanner is designed to give professionals the best in very high speed monochrome scanning with the additional option of quality color scanning for special jobs. The scanner's 42" imaging area handles large E-size/A0 engineering drawings, architectural sketches, blueprints, sepias, detailed maps, drawings and large color posters. With highly fast and effective monochrome scanning and the option to scan in perfect color, these devices offer a cost-effective solution for CAD, AEC and GIS professionals worldwide.

HIGH SCANNING SPEEDS

The ScanPlus 6 LF742 base model scanner can scan a typical E-Size monochrome original at 12.0" per second at 400 dpi turbo and a typical E-Size color original at 3.0" per second indexed at 400 dpi turbo. The ScanPlus 6 LF742 Plus model scanner can scan a typical E-Size monochrome original at 12.0" per second at 400 dpi turbo and a typical E-Size color original at 1.0" per second 24-bit color at 400 dpi turbo.

PRECISION COLOR

A new wide format scanner comes calibrated from the factory, but as time goes by, components and lamps will change the character and affect color output. The unique Precision Color system lets you maintain perfect color results by harmonizing current scanning factors. You can calibrate in the field at any time, so you are always ensured stable and predictable color output.

IMAGE ENHANCEMENT POWER

The ScanPlus 6 LF742 contains advanced technology for color and monochrome enhancement. The B/W adaptive thresholding works simultaneously on foreground, background, edges and other individual aspects of the original so you produce clean, crisp scans even from poor quality drawings. All processing is embedded in the hardware enabling you to perform powerful image enhancement without overhead and at speeds incomparable to standard software processing.

COPYING MADE EASY

Connect the ScanPlus 6 LF742 scanner with a large-format printer and you get the perfect large format color and monochrome digital copier. With the scanner's high precision of details and colors, users can enlarge their creations to full display sizes without losing quality. Use JETimage Copy Software with its Precision Color management or other color RIP packages to achieve excellent color-matched output on large-format printers.

ACCURACT LENS ENHANCEMENT TECHNOLOGY (ALE)

With this scanner, GIS professionals, CAD and other specialized markets get a very high grade of precision stability in the scanned image. The Accurate Lens Enhancement Technology (ALE) electronically maintains 0.1% +/- pixel precision across any two points of the scan line thus exceeding even the most rigid requirements in the industry today.



AUTOMATIC THICKNESS ADJUSTMENT CONTROL (ATAC)

The ScanPlus 6 LF742 supports Automatic Thickness Adjustment Control (ATAC), specially developed to make handling of large and bulky documents much easier. ATAC sensors in the scanner monitor the pressure on the original's surface and position the guide plate at the optimal level. With ATAC technology, you are always ensured a perfect and even grip on any kind of document.



The ScanPlus 6 LF742 is ROHS compliant

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SPECIFICATIONS			
		Base	Plus
Pixels:	(in pixels)	90,000	90,000
Resolution:	(in dpi)	600	600
Enhanced Resolution:	(in dpi)	1200	9600
Scan Accuracy:	0.1% +- 1 pixel	✓	✓
Scanning Speed inch/sec:	24-bit RGB, 400 dpi turbo	0.6"/s	1.0"/s
	8-bit Indexed, 400 dpi turbo	3.0"/s	3.0"/s
	Graytone & B/W, 400 dpi turbo	12.0"/s	12.0"/s
Scan & Media Width:	Max Scan Width: 42" (1066 mm) Max Media Width 44" (1118 mm) unlimited scan length	✓	✓
Maximum Thickness:	0.6" (15 mm) Automatic Thickness Adjustment Control (ATAC)	✓	✓
Digital Image Processing:	Dual 2-D Adaptive Enhancement & Adaptive Gray	✓	✓
Embedded Hardware:	ADL + Error Diffusion Halftoning	✓	✓
	2-D Sharpening, Softening, Blur Filter & Adaptive Thresholding	✓	✓
	Color Feature Extraction	✓	✓
Scan Modes:	24-bit Color, 8-bit Feature Extraction/Indexed Color	✓	✓
	8-bit Graytone, Copy Modes with Grayshades	✓	✓
	1-bit Black and White, Black and White Dual 2D-Adaptive Modes	✓	✓
Color Adjustment:	3 X 3 Matrix Multiplier, Independent RGB Tone curves (Gamma), Independent B/W Point Setting	✓	✓
Color Space:	NTSC & sRGB	✓	✓
Sensors:	Triple 4-linear CCD (RGB Triplets + Panchromatic B/W)	✓	✓
	48-bit Color Data Capture, 16-bit Graytone Data Capture, All Digital Cameras	✓	✓
Auto-Maintenance System:	Auto Monitoring and Correction (B/W Point), Basic and Precision Color Calibration	✓	✓
Interface:	USB2 (High Speed), FireWire, STI (Still Image Interface), WIA (Windows Image Acquisition), TWAIN	✓	✓
Weight/Dimension/Power:	132 lbs. (60 kg) 54.8" W X 7.3" H X 18.3" D (1392 X 185 X 465 mm) 110/224/240V, 60/50 cs. 180W	✓	✓
Power Management:	Temperature Control, Low Power Mode, Programmable Power-Up Timer	✓	✓
Floor Stand:	OPTIONAL (Document Basket included with floor stand)	✓	✓
System Software:	Included: WIDEsystem Tools, Scanner Drivers, WIDEimageNET, Maintenance	✓	✓
Host Platforms:	Windows and Power Macintosh – see www.gtccalcomp.com for OS support details	✓	✓

*The two ScanPlus 6 LF 742 scanner models differ in performance. The Base model can be easily upgraded with new features for future requirements through the Smart-Card Upgrade



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