

The SunRise® 2500

*SunRise Brings New Power
and Performance to
Scanning with the S2500*



SunRise Imaging, the company that pioneered high-performance production film scanning, now brings you the SunRise 2500, faster than ever before, with a more powerful CPU.

The new SunRise 2500 is designed to bring power and performance to your scanning needs. The new system has:

- The fastest computing engine – 3.0 GHz or greater
- The fastest hard disk drive – 15,000 RPM
- A faster scanning speed than the S2000+
- The largest optical media recorder – dual layer DVD
- Front panel USB ports

Building upon our long history of developing the highest performing microfilm digitizing systems, the SunRise 2500 has the flexibility to deliver superior image quality for more film formats – and film challenges – than any other single scanner. The S2500 has a Modular 3-in-1 design that handles multi-film formats. Its user-friendly wizard guides operations effortlessly through film setup. The S2500 captures data at true resolution without software interpolation and scans at both high and low resolutions. It will deliver multiple indexing capabilities and has a streamline design for increased reliability. To top it all off SunRise has unsurpassed worldwide support.

With all this speed, flexibility and quality, the SunRise 2500 delivers the highest return on your investment. The choice is as clear as a new SunRise!

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SunRise 2500

Scanner Specifications

Physical Characteristics

Height:	68.8 cm (27")
Width:	36.8 cm (14.5")
With Module:	
Rollfilm:	61.0 cm (24")
Aperture Card:	91.4 cm (36")
Microfiche:	59.7 cm (23.5")
Depth:	67.3 cm (26.5")
Weight:	43.5 kg (96 lb)

Physical Characteristics as Shipped: Scanner

Height:	81.3 cm (32")
Width:	43.2 cm (17")
Depth:	81.3 cm (32")
Weight:	68.5 kg (151 lb)

Physical Characteristics as Shipped: Module

Height:	43.2 cm (17")
Width:	99.1 cm (39")
Depth:	48.3 cm (19")
Weight:	16 kg (35 lb)

Minimum Clearance During Operation

Front:	122 cm (48")
Rear:	13 cm (5")
Sides:	31 cm (12")

Temperature Criteria

Operating:	10-24°C (50-75°F)
Non-Operating:	0-70°C (0-158°F)
Storage (60 days):	0-70°C (0-158°F)
Rate of Change:	4°C-per hour (40°F)

Altitude Criteria

Operating:	0-3048m (0-10,000ft)
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Humidity Criteria

Operating:	1.05 -1.4 CMM (37-50 CFM)
Intake Location:	Front
Exhaust Location:	Behind intake block

Electrical

Input Voltage:	Auto Sensing Circuit 220 VAC +/- 20% or 110 VAC +/- 0%
Input Frequency:	47-63 Hz
Current:	5.0 A

Power Cord

Type:	UL approved and Shielded 3-wire
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Length:	213.4 cm (84")
US plug:	Yes

SunRise 2500 Base System

Operating System:	Windows XP Professional
Motherboard:	3.0 GHz
Hard Drive:	30 GByte 15,000 RPM
Additional Drives:	
Optical Drive:	Dual layer DVD
Flash Drive:	Front Panel Removable 128 Mb Flash Drive

Module Specifications



Rollfilm Module



Microfiche Module



Aperture Card Module

Film Polarities:	Negative/Positive	Negative/Positive	Negative/Positive
Reductions:	7x-50x	7x-50x	7x-50x
Document Sizes:	A0-A4 (A-E)	A0-A4 (A-E)	A0-A4 (A-E)
Film Size:	16mm/35mm (edge to edge)	19.9 cm L x 10.8 cm H (6.25" L x 4.25" H)	Aperture Card
Film Formats:	Standard and Most Non-Standard Formats	Standard and Most Non-Standard Formats	Standard and Most Non-Standard Formats
Compression Types:			
Bi-Tonal:	Group 4 CITT TIFF	Group 4 CITT TIFF	Group 4 CITT TIFF
Grayscale:	Raw Uncompressed and JPEG Multi-tiff Capability	Raw Uncompressed and JPEG Multi-tiff Capability	Raw Uncompressed and JPEG Multi-tiff Capability
Hardware Options:	16 mm/35mm, 1000 ft Reel Attachments 16mm, 3M Cartridge Adapter	Reflective Title Bar, AB Dick Locator Pins, AB Dick Locator Pins, AB Dick Filter, Ultrafiche Module	Hollerith Code Reader
Software:	ScanFlo 2500 with ReelScan Technology, Image Density Compensation (IDC), Bi-Tonal Gamma Correction, Multiple Indexing Capabilities, "True Output Resolution"	ScanFlo 2500, Image Density Compensation (IDC), Bi-Tonal Gamma Correction, Multiple Indexing Capabilities, "True Output Resolution"	ScanFlo 2500, Image Density Compensation (IDC), Bi-Tonal Gamma Correction, Multiple Indexing Capabilities, "True Output Resolution"
Advance Processing Options (APO):	Multiple Sub-Windows, Crop, Deskew and Blip Detection	Multiple Sub-Windows, Crop, Deskew and Blip Detection	Multiple Sub-Windows, Crop, Deskew and Blip Detection
Software Options:	Grayscale: Optional 8-Bit or 4-Bit, Grayscale Gamma Correction	Grayscale: Optional 8-Bit or 4-Bit, Grayscale Gamma Correction, RowScan 2500	Grayscale: Optional 8-Bit or 4-Bit, Grayscale Gamma Correction

SunRise 2500 Complete System

- High-speed Microfilm Conversion
- Multi-film formats for Roll Film, Microfiche, and Aperture Cards
- Superior image quality
- Point and Click User-friendly interface
- User programmable Gamma Correction
- Grayscale 8-Bit output – 12-Bit camera input
- Namer – indexes files automatically using blips
- Batch scan / Manual scan
- Camera Resolution selectable (match DPI need)
- Inch / Millimeter
- Ultra Fiche as standard
- Image Sub-Windows
- Scan directly to file server



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