

## The SunRise® 3000 RapidScan™

*SunRise Brings New Power  
and Performance to Scanning  
with the S3000 RapidScan*



SunRise Imaging, the company that pioneered high-performance production film scanning, now brings you the SunRise 3000 RapidScan, faster than ever before, with more powerful, new technology.

The new SunRise 3000 RapidScan is designed to bring power and performance to your scanning needs. The new system has:

- The fast computing engine – 3+ GHz
- Fast hard disk drive – 15,000 RPM
- A faster scanning speed than before - up to 350PPM
- State of the art, fast CCD camera
- Fast DVD optical media recorder – dual layer DVD
- GigaBit Ethernet high speed data transfer on the network
- Front panel USB -ports

Building upon our long history of developing the highest performing microfilm digitizing systems, the SunRise 3000 RapidScan offers highest speed with the flexibility to deliver superior image quality for all film formats – and film challenges – than any other single scanner. The S3000 RapidScan has SunRise Modular 3-in-1 design to handle multi-film formats. Its user-friendly software guides the operator effortlessly through film setup. The S3000 RapidScan captures data at true resolution without software interpolation and scans at both high and low resolutions. It delivers multiple indexing capabilities. We improved the design for increased reliability and support. To top it all off SunRise has unsurpassed worldwide technical support. With all this speed, flexibility and quality, the SunRise 3000 RapidScan delivers the highest return for your investment. The choice is as clear as a new SunRise!



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# SPECIFICATIONS

## 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:

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 3000 RapidScan Base System

Operating System:	Windows XP Professional
Motherboard:	3.0 GHz
Hard Drive:	70 GByte 15,000 RPM
Networking :	10/100/1000 – GIGA BIT ETHERNET
Additional Drives:	
Optical Drive:	Dual layer DVD
Flash Drive:	Front Panel Removable 128 Mb Flash Drive

### 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)

## Modul Specifications



**Rollfilm Module**



**Microfiche Module**



**Aperture Module**

<b>Film Polarities:</b>	Negative/Positive	Negative/Positive	Negative/Positive
<b>Reductions:</b>	7 x 50x	7 x 50x	7 x 50x
<b>Document Sizes:</b>	A0 - A4 (A - E)	A0 - A4 (A - E)	A0 - A4 (A - E)
<b>Film Size:</b>	16mm/35mm (edge to edge)	16mm/35mm (edge to edge)	16mm/35mm (edge to edge)
<b>Film Formats:</b>	Standard and Most Non-Standard Formats	Standard and Most Non-Standard Formats	Standard and Most Non-Standard Formats
<b>Compression Types:</b>			
<b>Bi-Tonal:</b>	Group 4 CITT TIFF	Group 3 CCITT TIFF	Group 3 CCITT TIFF
<b>Grayscale:</b>	Raw Uncompressed and JPEG Multi-tiff Capability	Raw Uncompressed and JPEG Multi-tiff Capability	Raw Uncompressed and JPEG Multi-tiff Capability
<b>Hardware Options:</b>	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
<b>Software:</b>	RapidScan Includes Density Compensation (IDC) Bi-Tonal Gamma Correction, Multiple Indexing Capabilities, "True Output Resolution"	RapidScan Includes Density Compensation (IDC) Bi-Tonal Gamma Correction, Multiple Indexing Capabilities, "True Output Resolution"	RapidScan Includes Density Compensation (IDC) Bi-Tonal Gamma Correction, Multiple Indexing Capabilities, "True Output Resolution"
<b>Advance Processing Options (APO):</b>	Multiple Sub-Windows, Crop, Deskew and Blip Detection	Multiple Sub-Windows, Crop, Deskew and Blip Detection	Multiple Sub-Windows, Crop, Deskew and Blip Detection
<b>Software Options:</b>	Grayscale: Standard 8-Bit or 4-Bit, Grayscale Gamma Correction - Standard	Grayscale: Standard 8-Bit or 4-Bit, Grayscale Gamma Correction - RowScan	Grayscale: Standard 8-Bit or 4-Bit, Grayscale Gamma Correction - Standard

## SunRise 3000 RapidScan Complete System

- High-speed Microfilm Conversion up to 350PPM
- Multi-film formats for Roll Film, Microfiche, and Aperture Cards
- Simultaneous bi-tonal and grayscale image scanning
- Superior image quality
- Scan directly to file server
- Point and Click User-friendly interface, with instant feedback
- User programmable Gamma Correction
- Grayscale 4,8,12-Bit output
- 12-Bit camera input
- Namer – indexes files automatically using blips
- Batch scan / Manual scan
- Camera Resolution selectable 8160/4080 (match DPI need)
- Inch / Millimeter readouts
- Ultra Fiche size handled
- Multiple Image Sub-Windows

