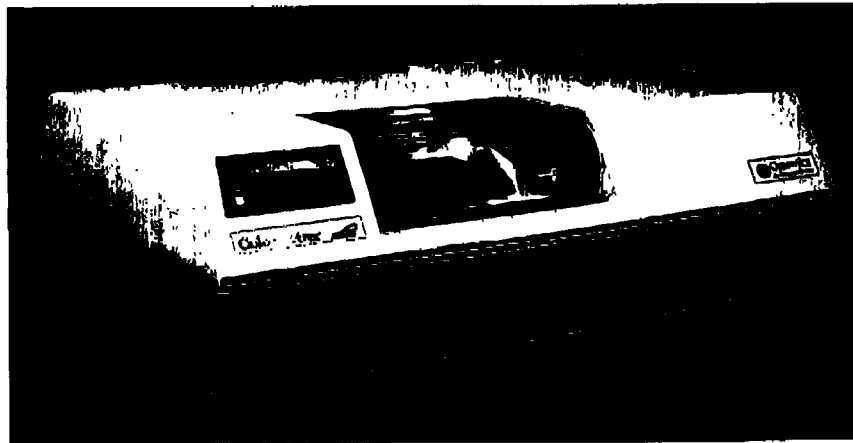


ColorGetter® Falcon

Quality Drum Scanning Made Affordable



Introducing the ColorGetter Falcon. It's the most affordable ColorGetter and the perfect desktop color drum scanner if you need premium quality on a budget.

Rest assured, however. The Falcon is a ColorGetter through and through — from its Gibraltar-like stability, to its legendary reliability, and investment-preserving ungradeability to the ColorGetter 3 family.

Its 5,418-dpi resolution and 10.5" x 12" imaging area will give you high-resolution reproductions and let you enlarge cropped images up to 2000% — without interpolation — from transparencies, reflective art, negatives, and color or black-and-white originals.

And the Falcon's new micro-stepping electronics let you select from over 2,000 discrete resolution steps and scan very quickly, right from the desktop.

Nor did we skimp on any of the other details that have made ColorGetters the world's standard of quality and reliability. Every proven component and feature is there, from the highly stable precision optical system and top-of-the-line PMTs, right down to the xenon lamp that yields greater color fidelity than any halogen bulb.

The images scanned on the ColorGetter Falcon are sharp, clean and precise. Color highlights are vibrant, and grays and shadows display every detail. These rich, single-pass scans will capture all the beauty and vibrancy, subtlety and drama of your originals.

As for speed, the ColorGetter Falcon lets you easily produce over 50 scans per shift, working with IBM and compatible PCs, Macintosh or UNIX workstations, and even Power Macs and PCs.

It also supports Optronics' powerful yet easy-to-use ColorRight software that lets you direct it interactively through a symphony of tool sets and correct color in a variety of ways — even selectively — before executing the final scan. To boost your performance even higher, ColorRight offers advanced features that can increase productivity by 400% to 500% over RGB-only scanners and plug-ins.

And you can also upgrade to 8,128-dpi resolution or a large 11" x 15" imaging format, whenever you want.

The affordable ColorGetter Falcon. It offers everything you need for professional scanning today — plus, easy access to all the features you might need tomorrow.

Key Benefits

- High-quality scanning at an entry-level price
- True optical resolutions to 5,418 dpi, in more than 2,000 steps
- Fully upgradeable to the 8,128-dpi ColorGetter 3 family
- Format area 30% larger than the international A1 page size
- Full dynamic range scanning of 0.0 to 4.0 D Max
- Fast data transfer rates
- 22-setting automatic aperture system for flexibility in all scanning modes
- Supports true batch-mode operation
- Optional Optronics' ColorRight scanning software for added power and flexibility
- Compatible with many workstation platforms, including Power Macs and PCs
- Projected 2.5-year average MTBF for major components
- World-class service and support, worldwide

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Technical Specifications

Media carrier
Removable rotating drum

Input originals
Size: 35 mm to 10.5" x 12" (26.67 cm x 30.48 cm)
Type: Transmissive and reflective
Color and black & white
Continuous tone, line art, and logo types
Flexible to conform to curved drum

Active scan area
10.5" x 12" (26.67 cm x 30.48 cm)

Resolution
User selectable, 1600 microns (16 raster lines per inch) to 4.69 microns (5418 raster lines per inch) at intervals of .78125 microns

Apertures
22 automatic selections from 6.25 to 800 microns

Color resolution
12 bits per color, 4096 levels of gray
Yields up to 36 bit color capture with 12 or 8 bits/color output via lookup tables

Scan speed
Depends upon size of original, final output size, output screen frequency, and host system

Data formats supported
Hardware dependent including:
Simultaneous RGB
Line sequential RGB
Monochrome

Operator interface
Via host resident ColorRight software
Defines type of original, scan area, sampling interval, color separation, color correction curves

Output file format
RGB TIFF or TARGA via ColorRight PC software
RGB TIFF, CMYK TIFF, or CMYK (DCS) via ColorRight 3.1 or ColorRight 4.1 software

Host interface
IEEE 488 parallel (GPIB)
Additional interfaces in development

Control panel indicators
Power ON/OFF
Drum ON/OFF and indicators
Interlock/door closed
Alphanumeric status display
Function select/enter

Focus Control
Variable focus

Light Source
Xenon (user replaceable)

Physical dimensions
Scan Unit: 45" wide x 24" deep x 14" high
(115 cm x 61 cm x 35.6 cm), 217 lbs
Control Unit: 11.6" wide x 15.4" deep x 3.6" high
(29.5 cm x 39 cm x 9.2 cm), 16.5 lbs

Power requirements
100/120/220/240 + 10% VAC
50/60 Hz, 700 watts

Operational conditions
Temperature: 65-75 degrees F
Humidity: 40%-70% noncondensing



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