Premium Series

Since 1988, the Solitaire16 has been a proven performer for large format work for photo labs, prepress trade shops and corporate graphics departments.

Now significantly enhanced, the Solitaire16xps™ comes with an improved contrast CRT, optional on-board memory, an RS-232 port for communications, and a 30 second imaging time for slides. The Solitaire16xps is the one machine that does it all.

Consistent, High-quality Color Images

The Solitaire16xps incorporates Management Graphics' patented Digital Geometry Control (DGC)*, an all digital system that precisely manages image parameters for perfect size and alignment; saving time while eliminating guesswork. Color Look Up Tables (LUTs) support more than 68 billion colors assuring faithful color reproduction. With Colorfit,™ MGI's color LUT generation software, you can also produce your own custom LUTs for a special film type or account for processor differences. Specially designed electronics including precise beam placement and small spot size produce the cleanest, highest quality image possible. In addition, an optional buffer board provides up to 256 MB of on-board memory resulting in smooth data flow and artifact-free images.

More Formats, More Profit Opportunities

Interchangeable camera modules make it simple to use the Solitaire16xps for anything from page-size production materials to 35mm slides for A/V presentations. Professional 4"x5" and 8"x10" camera modules are available for your large format production. 120/220 size film with a 54 second imaging time per negative is perfect for portrait or people lab use. Pin registered 35mm modules along with 8"x10" bulk load and Polaroid Auto film modules are also available.

When combined with MGI's Jet Stream™ Color Image Server, the Solitaire16xps leads the field in PostScript® performance. Using a true Adobe® Level 2 interpreter, you can race through 4k PostScript slides at 30 seconds click to click (up to 120 slides per hour).

Easy Operation

Convenience and simplicity are hallmarks of the Solitaire's user-friendly design. You are guided by a push-button control panel and an 80-character fluorescent display. Once the system is set up, the configuration is stored in permanent memory for future use. An internal microprocessor automatically readjusts settings when film modules are changed.

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Keeping Your Needs In Focus

Adjusting an image has never been easier. You have the freedom to precisely control image position, image size, color, and gamma on the Solitaire16xps. The front panel provides instant access to all these controls.

The front panel also makes managing your film a breeze. The Solitaire16xps can imprint information including frame number, time, date, camera module ID, gray scale, CMY, RGB density patches and resolution outside the image area so you won't tarnish an important picture and you'll never have to worry about misplacing your valuable film.

Total Compatibility

The Solitaire16xps is compatible with PC and Macintosh® computers, UNIX workstations, or any computer graphics system that uses GPIB or SCSI interfaces. The MGI Partner Program offers more than 30 compatible software drivers to output your files.

Ongoing Support

Regional offices and dealers in over 30 cities on four continents ensure that you are fully covered by training, service, and technical support. The Solitaire16xps is backed by the commitment and support you've come to expect from Management Graphics – the name that means quality and performance in the computer graphics industry.

Call us today at (612) 854-1220. Or FAX us your questions at (612) 851-6159.

Specifications

Addressability (3:2 aspect ratio)
2048 x 1366; 4096 x 2732;
8192 x 5464; 16384 x 10928

Number of colors
> 68 billion

Imaging speed (35mm)
30 seconds at 2K and 4K; 55 seconds at 8K

Imaging speed (120/220 format)
Negative film: 54 seconds at 2K, 4K and 8K
Positive film: 70 seconds at 2K, 4K and 8K

Imaging speed (4"x5")
5:30 minutes at 2K, 4K, 8K;
11 minutes at 16K

Digital Geometry Control (DGC)
Automatic alignment of image geometry, including focus, image size, centering, orthogonality, linearity, format, and vignette.

Power up
Automatic internal system test and calibration.

Front Panel
Image position and size, color correction, gamma control, gray scale, CMY, RGB density patches, time and date clock, status line, buffer configuration.

Camera module options
See the Solitaire Camera Module Guide for a complete list.

Recommended film types
Kodak Ektachrome 64, 100 Plus, and 200; Kodak Vericolor III (consult MGI for others)

Interfaces
GPIB, SCSI

Dimensions (HxWxD)
31 x 16 x 23 in. (79 x 41 x 58 cm.)
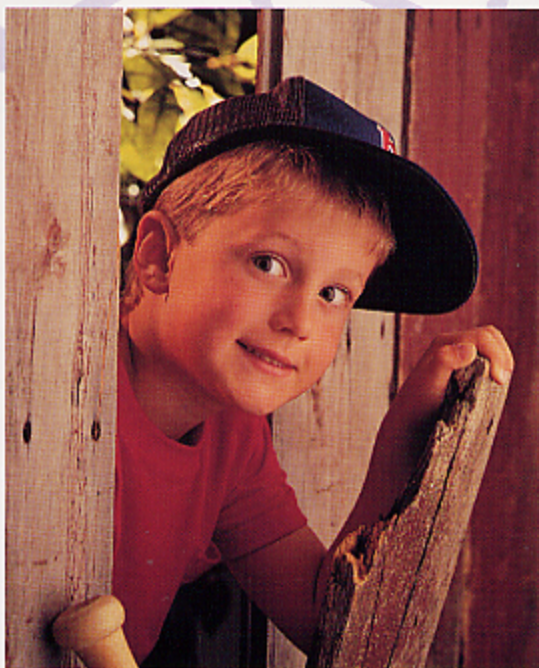
Weight
120 lbs. with carton (54.48 kgs.)

Power
110V, 50 to 60Hz (USA); 240V, 50Hz (Int'l.);
Operating Power: 300 watts

Operating environment
Temperature: 59° to 86° F (15° to 30° C)
Relative humidity: 35% to 80% (non-condensing)

Courtesy Gallop Studios/ASI, Minneapolis, MN

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Keeping Your Needs In Focus

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