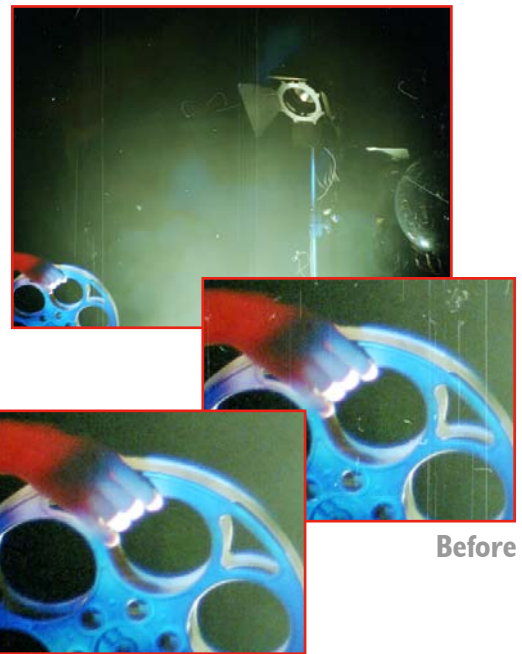


ScanMaster 4000

The New Standard in Quality Motion Picture Film Scanning

4K+ Resolution and Full 12 Bit Dynamic Range



Before

After

Digital ICE automatically removes scratches, dust, dirt, and other artifacts from images during the scanning process.

"From the people who invented and developed Digital ICE."



Image Trends™

THE SCIENCE OF IMAGING
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About the ScanMaster 4000

The Image Trends **ScanMaster 4000** is a state of the art motion picture film scanner that utilizes the Academy Award winning film transport system from Oxberry Inc.. The scanner features **Digital ICE** automatic defect detection and correction technology which ensures picture-perfect dust and dirt free images. The 16 megapixel (4872 x 3248 pixel resolution) DVC-16000 CCD camera which is used in the ScanMaster 4000. This advanced camera produces archival quality digital images with high dynamic range equal to the image quality of the film.

The ScanMaster 4000 also incorporates a high-performance Camera Link frame grabber that interfaces with the camera and the computer. The frame grabber is capable of moving more than 5 Gb of data per second, which removes one of the bottlenecks in high speed motion picture film scanning applications.

Specifications:

Imager	- 4872 x 3248 Progressive Scan Interline CCD - 12 bit dynamic range with high quantum efficiency
Interface	- Dual port Camera Link Interface with 5 Gigabit/second transfer rate
Frame Rate	- 1 fps 4K Academy aperture - 2 fps 2K Academy aperture
Light Source	- High intensity, stable LEDs - RGB and IR Integrating sphere for diffuse light illumination
Film Transport	- Award winning pin registered high quality fast shuttle from Oxberry
Film Capacity	- 2000 feet
Key Code	- Reader capable of reading A or B side reels



Output formats	- 16bit TIFF - DPX
Integrated Computer	- High performance dual processor quad core host - Windows XP - Dual port Camera Link card - 3 Giga Bit/second optical interface - High resolution LCD display integrated in cabinet
External Computer (Optional)	- Rack mounted multiprocessor quad core system - 48 terabyte RAID storage - Uninterrupted power supply - LTO4 automated tape library - Console with LCD display - High speed network switch
Cabinet	- Steel frame powder coated 73"H, 52"W, 25"D - Shipping weight - 700 Lbs
Warranty	- One year parts and labor



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