

IDD S6000 Plus

The Fastest Film DICOM Digitizer

Introducing the **S6000 Plus** Film Digitizer, the most elegant way to turn legacy x-ray films into DICOM 3.0 compliant images. Using a single scan path, the **S6000 Plus** can scan films back-to-back, creating a series of DICOM images that can be added to existing PACS systems.

At 4.7 maximum optical density, the **S6000 Plus** produces superb quality digital images. Boasting a small footprint and weighing less than 20 lbs, the **S6000 Plus** is incredibly light and very economical. In combination with Acquisition & Viewing Software and a reliable computer workstation, the **S6000 Plus** becomes a turnkey scanning system for all medical imaging facilities.

At speeds of up to 9 seconds per 14 x 17 inch film, the **S6000 Plus** provides a fast, efficient and economical way to convert all analog records into the industry standard DICOM format for digital storage, duplication and transmission.



Product Features

Film sizes range from 2.5 to 17 inches. At only 19.8 lbs, the **S6000 Plus** is the smallest and lightest medical digitizer in the market. Easy maintenance, no moving parts and a cold cathode light source design are some of the features that make this digitizer extremely reliable.

Image quality is assured with the "Automatic Calibration" feature, which activates before every scan. The **S6000 Plus** can digitize film at resolutions up to 600 dots-per-inch, ranging from 1K by 1.5K all the way up to 8K by 10K.

The **S6000 Plus** can process and deliver 65,536 shades of gray at full 16 bits, compared to other scanners which max out at 4096 shades of gray. The user can also select 256 shades of gray at 8 bits. Image control is assured through a maximum optical density of 4.7. Brightness, contrast, gamma and exposure control (integration time) are standardized throughout the hardware.

Wall mount brackets, output tray and a catch basket are included with **S6000 Plus** to maximize your installation options.

Full integration into Viewing Software

S6000 Plus is fully integrated with a DICOM Diagnostic Viewing software. Using the acquisition module built into the software, you can digitize film to create DICOM images. These images can be sent to a PACS for storage or burned onto a CD or DVD. The software allows users to select modality, institution name, model number and accession number while scanning films. Optional software features such as Modality Worklist may be added to any system.

Optional Multi-Sheet Film Feeder

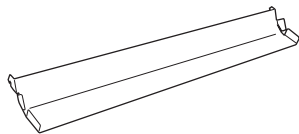
An optional Multi-Sheet Film Feeder allows for multiple films to be digitized at one time. Up to 15 films can be placed in the feeder for single-click operation. Films are automatically scanned, cropped, adjusted and delivered to the software. The Multi-Sheet Film Feeder plugs directly into the back of the digitizer for a fast and seamless upgrade without the need for an additional power source.



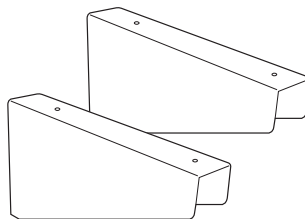
Product Specifications

Resolution	Up to 600 dpi
Sensor	High Pixel CCD
Optical Density (D_{MAX})	4.7
Bit Depth	16 bits, 65,536 shades of gray output
Film Size	Min: 1.96" x 2.17" (50 mm x 55 mm) Max: 14" x 35" (355.6 mm x 889 mm)
Scan Rate	9 seconds per 14" x 17" Film
Interface	Hi-Speed USB 2.0
Software	Windows XP, Vista, Windows 7 (32 and 64 bits)
Voltage Requirements	AC 100V to 240V, 47-63 Hz, 1.5A Max (Input)
Power Consumption	54.9 Watts (Max)
Operating Environment	50° – 104° F (10° – 40° C)
Relative Humidity	20% to 85%
Light Source	Cold Cathode Lamp
Lamp Life	>= 50,000 hours
MTBF	>= 50,000 hours
Weight	19.82 lbs (9 kg)
Dimensions (L x W x H)	10.2" x 18.7" x 9.3" (259 mm x 475 mm x 236 mm)
Certifications	CE, RoHS, FCC Class B, ISO 13485:2003, FDA

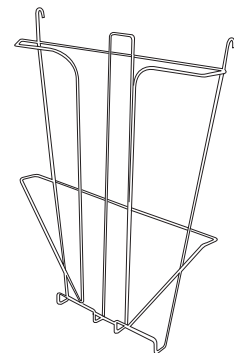
Specifications are subject to change without notice



Output Tray



Wall Mounts
(Optional)



Catch Basket