

The Logos Digital Imaging System is intended for use as a general radiography system using x-ray recording media (phosphor imaging plates) for radiographic analysis providing interactive CRT retrieval, viewing and processing of stored computed radiographic images.

The system includes reusable photostimulatable phosphor imaging plates, a laser diode scanner device and optical reader components, communications electronics and software, a workstation and various peripheral accessories.

COMPUTER REQUIREMENTS

Minimum Computer Requirements Recommended

CPU Speed	1.0 GHz or higher
Operating system	Windows XP Pro operating systems
RAM	256 MB
Hard Drive	6 GB
CD ROM Drive	4X 24X
USB port	USB 2.0 port required
Display	24-bit display (minimum 800x600 resolution)

ELECTRICAL REQUIREMENTS

Voltage	100-240 V AC 50/60 Hz power supply auto-senses the input voltage.
Power	110 watts maximum
Power Cord	Standard line cord provided

COMPLIANCE TO STANDARDS

The Logos SCANNER Digital Imaging System conforms to the following standards:

EN61000-4-2: Electrostatic discharge
EN61000-4-3: Radiated susceptibility
EN61000-4-4: Electrical fast transient and burst
EN61000-4-5: Surge, AC 1 kV differential, 2 kV common
EN61000-4-6: Conducted disturbances, 9 kHz to 30 kHz. 3 VRMS
EN61000-4-8: Magnetic fields
EN61000-4-11: Voltage dips, interruptions, and voltage variation
Part 15 of the FCC Rules
DHHS/CDRH: Radiation Performance Standard, 21 CFR, Chapter I, Subchapter J
EN61010-1
EN60825-1
EN50082-1 / EN55011
CAN/CSA-C22.2 No. 1010.1-92
UL 3101-1

SPECIFICATIONS

Logos Scanner

Height	39.4 cm 15.5 in
Width	49.3 cm 19.4 in
Depth	27.4 cm 10.8 in
Weight (empty)	16 kg 35 lbs
Interface Cables	USB 2.0 cable
Voltage	100-240 V AC
Frequency	50/60 Hz
Power	110 watts max.
Laser Classification	Compliance per DHHS Radiation Performance Standards 21 CFR, Ch I, Subch. J+EN60825 Class 1 Laser Device
Storage and Shipping Conditions	-40° to 70°C (-40° to 158°F)

Logos Imaging Plates

Dimensions:	8 x 10 in (20.3 cm x 25.4 cm) and 8 x 17 in (20.3 x 43.2 cm)
Resolution at 300 DPI:	85 micron square pixels, approximately 4 lp/mm
Resolution at 150 DPI:	170 micron square pixels, approximately 2 lp/mm
Recommended Dose:	Equal to standard systems equipped with rare-earth intensifying screens (400 speed)

WARRANTY STATEMENT

Logos Scanner

The scanner and carousels are warranted against defects arising from faulty materials or workmanship for one (1) year from date of purchase. Parts will be repaired or replaced at our option. The Logos Scanner and Carousels must be installed and

operated in accordance with the Logos Imaging written instructions furnished with the unit. Please fill out the warranty registration card (appendix D) and mail to Logos Imaging as instructed.

Logos Imaging Plates

The Logos Imaging Plates are designed expressly for use with the Logos scanner. Logos Imaging Plates will be replaced if defective in manufacturing or packaging only. With proper handling, Logos Imaging

Plates are designed for years of effective use. They can, however, be damaged if folded, creased, scratched or dented, and, therefore no additional warranty is provided.