

## LOGOS Series CR

The Logos CR Imaging System offers users a truly portable Computed Radiography (CR) product designed for field use. It is compact with a 31 x 23" footprint it is supplied in a heavy duty Pelican case that easily fits in the trunk of most vehicles for easy transport.



- ✓ **Computed Radiography System**
- ✓ **Up to 50 um Resolution**
- ✓ **Contact Free Image Processing**
- ✓ **Battery Operation Available**

The system uses thin, flexible, storage phosphor plates as the imaging medium. The image plates are reusable after being erased with fluorescent light and can be connected using the supplied image plate frame system to x-ray large objects in a single exposure with minimal downrange equipment weight and minimal downrange time.





The scanner relies on a contact free, carousel based scanning method to read the image plates. This means that dust and debris on the image plate surface will not damage the plate or the scanner during processing. Therefore, even in extreme environments there is no consumable expense for daily cleaning products required to maintain trouble-free operation.

LOGOS Series CR	
Height:	15.5", 39.4 cm
Width:	19.4", 49.3 cm
Depth:	10.8", 27.4 cm
Weight:	35 lbs, 16 kg
Interface Cable:	USB 2.0 Cable
Voltage:	110-240 VAC
Frequency:	50/60 Hz
Power:	150 watts max (with integrated eraser)
Laser Classification:	Compliance per DHHS Radiation Performance Standards 21 CFR, 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007. Also complies with IEC60825-1/A2: 2001 Class 1 Laser Device
Image Plate Size:	8"x10", 20 x 25 cm 4.5"x17", 11.4 x 43 cm 8"x17", 20 x 43 cm High resolution options available
Resolution:	150 dpi, 2.2 lp/mm, 51 second scan time per plate 300 dpi, 4.4 lp/mm, 102 second scan time per plate 600 dpi, 8 lp/mm, 204 second scan time per plate (requires high resolution image plates)
Operating Temperature	-10 to 40 C 14 to 104 F
Storage Temperature	-40 to 50 C -40 to 122 F

The wide dynamic range of the Logos Digital Imaging System also allows users the ability to capture a quality image in one X-ray exposure. The scanner outputs 16-bit grayscale images

The Logos CR System is Class B ISO 17636-2 compliant from 2 mm.