

X-RAY SYSTEM LOGOS+ CR

The LOGOS+ CR imaging system is the most popular system with more than 3,000 systems deployed. The LOGOS+ system uses storage phosphor image plates that provide users with a reusable, thin, flexible medium that produces a high resolution image. The system relies on a contact free scanning method that reduces wear and tear on the image plates and the system itself. This affords users the opportunity to reduce soft costs associated with replacing and repairing image plates and systems. The LOGOS+ system comes in a Pelican carrying case that provides protection for the entire system during transport. The case also includes an X-ray cut out that holds either the Golden Engineering XR200 or XRS-3 source.

The system uses thin, flexible, storage phosphor plates as the imaging medium. These image plates are reusable after being erased with fluorescent light, and they 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.



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 (65,536 levels of gray) providing a high level of contrast adjustment to easily correct over and under exposures without requiring another trip downrange. The standard Logos Imaging Application offers a suite of automated image processing filters enabling even novice computer users to quickly capitalize on this powerful image processing capability.

TECHNICAL DATA

Height : 15.5", 39.4 cm
Width : 19.4", 49.3 cm
Depth : 10.8", 27.4 cm
Weight : 35 lb, 16 kg
Interface : Cable USB 2.0 Cable
Voltage : 110-240 VAC
Frequency : 50/60 Hz
Power Consumption : 150 watts (Maximum)
Image Plate Size : 8" x 10", 20 x 25 cm
 4.5" x 17", 11.4 x 43 cm
 8" x 17", 20 x 43 cm
 High resolution options available
Resolution : 150 dpi, 2.2 lp/mm, 51 second scan
 300 dpi, 4.4 lp/mm, 102 second scan
 600 dpi, 8 lp/mm, 204 second scan time per plate (requires high resolution image plates)