

XR200 X-ray source



Versatile

The XR200 is a 150kV, single-packages, pulsed X-ray source for use with radiographic film or video inspection systems such as SCANTRAK. Battery operation and minimal weight make the XR200 a versatile tool that can be used in almost any location. The XR200 is used in military, law enforcement, corporate security and industrial applications to examine objects of various shapes, sizes and densities

Easy Operation – Instant Results

To operate, attach a charged battery, set the number of pulses, and fire the unit. A high quality X-ray image can be viewed immediately when using a video inspection system (SCANTRAK) or within 2 minutes when using an instant radiographic film system.

The XR200 replaces The INSPECTOR Model 200. The following improvements increase the units longevity and convenience:

- Longer Tube Life
- Pulse tracking capability
- 40% reduction in weight
- Battery charges in 1 hour
- Upgraded components

Safety Features

The XR200 contains no radioactive materials; the unit produces radiation only while it is pulsing. Lead shielding in the XR200 minimizes the amount of radiation outside the X-ray beam. A time delay button and remote cable allow the operator to stay a safe distance from the unit while it is pulsing. Visual and audible indicators in the unit alert the operator when the XR200 is going to pulse.

Low Maintenance

The XR200 requires little service. Pulse tracking capability allows for calculation of tube life and battery life. The tube can be easily replaced in the field. The battery (DeWalt) can be purchased in retail stores around the world

Features and Specifications

Size:	12.5" (31.75cm) x 4.5" (11.5 cm) x 7.5" (19cm).
Weight:	12 lbs (5.5 kg) with battery
Power Supply:	DeWalt 14.4V rechargeable, nickel cadmium battery;3000 pulses per battery charge
Battery Recharge Time:	1 hour with standard DeWalt charger;15 minute charger available
Output Dose:	3mR per pulse at 1 ft. (30 cm) with filtration equivalent to 2.5mm of aluminium
Pulse rate:	25 pulses per second nominal
Pulse length:	50 nanoseconds
Maximum pulses:	300 pulses per hour
Source size:	2.2 mm nominal
Time delay:	15 second or 60 second delay
Warranty:	1 year limited warranty