

XRS-3 X-ray source



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- Battery Powered
- Weighs just 12 lbs with battery
- Penetrates up to one inch of steel

High Penetration but lightweight unit

The XRS-3 is a unique X-ray source that combines the penetrating power of a heavy industrial type X-ray machine with an incredibly lightweight and compact design associated with less powerful machines. This battery powered pulsed X-ray source weighs less than 12 lbs, yet it produces 250-300kV maximum energy. The XRS-3 is used in military, law enforcement, corporate security and industrial applications where high object penetration is required.

Easy Operation – Instant Results

To operate, clear the designated safety area, 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.

Safety Features

The XR200 contains no radioactive materials; the unit produces radiation only while it is pulsing. Strategically placed internal shielding minimizes the amount of radiation leakage outside the X-ray beam. A 15/60 second time delay button and 20 foot remote firing cable allow the user to stay a safe distance from the unit while it pulses.

Low Maintenance

The XRS-3 is a light duty X-ray machine that requires little maintenance. The DeWalt 14.4V battery and battery charger may be) can be purchased in retail stores around the world

Features and Specifications

Size:	14.0" (31.75 cm) x 4.5" (11.5cm) x 7.5" (19cm)
Weight:	12 lbs (5.5 kg) with battery
Power Supply:	DeWalt 14.4V rechargeable, nickel cadmium battery; 4000 pulses per battery charge
Battery Recharge Time:	1 hour with standard DeWalt charger; 15 minute charger available
Output Dose:	2.5mR per pulse at 1 ft. (30 cm) from the front of the unit +/- 0.5mR
Pulse rate:	15 pulses per second nominal
Pulse length:	50 nanoseconds
Maximum pulses:	200 pulses every 4 minutes (3000 pulses per hour)
Source size:	3 mm nominal
Time delay:	15 second or 60 second delay
Warranty:	1 year limited warranty