

XR200 X-Ray Source



- New Electronics Package Including Sealed Membrane Switch
- User Selectable Default Pulse Setting
- Backlit LCD
- Penetrates up to 1/2" of Steel
- Optional Thumbwheel Key
- Entire System Fits into One Carrying Case

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XR200

X-Ray Source

The XR200 is a 150kV, single-package, pulsed X-ray source used by military, law enforcement, corporate security, and industrial personnel for radiographic examination of various items. The option of use with conventional radiographic film, instant radiographic film, or digital inspection systems provides users with the flexibility to develop a complete radiographic system best suited to their individual needs. The combination of battery power and minimal weight allows the user to obtain radiographs in even the most remote location.

To operate, attach a charged battery, set the number of pulses, and fire the unit. The user can view a high quality X-ray image immediately when using a video inspection system or within two minutes when using the Polaroid instant radiographic film system.



SPECIFICATIONS

Size (Including battery pack)	12.5 in. (31.75 cm) x 4.5 in. (11.5 cm) x 7.5 in. (19 cm)
Weight (Including battery pack)	12 lbs. (5.5 Kg)
Output dose	3.1 mR/pulse +/- 0.5 mR measured 12 inches from source
Pulse rate	25 pulse per second nominal
X-ray source size	1/8 in. (3 mm)
Maximum photon energy	150 KVP
X-ray pulse width	60 nanoseconds
Current draw	35 amps @ 13.4 volts
Power supply	DeWalt® 14.4 volt, removable, rechargeable, nickel-cadmium battery
Battery recharge time	1 hour with standard DeWalt® charger, 15 minute charger available
Number of pulses per battery charge	4000
Temperature range	-10 to 120 degrees F (-23 to 50 degrees C)
Maximum duty cycle	200 pulses every 4 minutes (3000 pulses per hr)
Warm-up	None required
X-ray leakage	3 mR per 100 pulses measured 2 inches behind the unit
Warranty	1 year limited warranty



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