



Performance Fact Sheet

XRS-3 Golden X-Ray

The XRS-3 is a light duty X-ray machine that requires little maintenance. The modular design makes component replacement easy and cost effective. The DeWalt® 14.4V battery and battery charger are commercially available in retail stores worldwide.

Lead shielding in the XRS-3 protects the user by minimizing radiation leakage outside of the X-ray beam while a time delay button and remote cable allow the operator to move a safe distance from the unit when it is in operation. Visual and audible indicators in the unit alert the operator when the XRS-3 is activated. Also, the XRS-3 contains no radioactive material. The unit produces radiation only when it is pulsing.

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| Output dose | 4.0 mR/pulse max, 2.6 mR/pulse min (measured 12 inches from source) |
| Pulse Rate | 15 pulse per second nominal |
| X-Ray Source Size | 1/8 in. (3 mm) |
| Maximum Photon Energy | 270 KVP |
| X-Ray Pulse Width | 50 nanoseconds |
| Current Draw | 20 amps @ 13.4 volts |
| Power Supply | DeWalt® 14.4 volt, removable, rechargeable, nickel-cadmium battery |
| Number of Pulses per Battery Charge | ~ 4000 |
| Maximum Duty Cycle | 200 pulses every 4 minutes (3000 pulses per hour) |
| Warm-up | None Required |
| X-Ray Leakage | 3 mR per 100 pulses, measured 2 inches behind unit |
| Warranty | 1 year limited warranty |
| Weight (including battery pack) | 12 lbs (5.4kg) |
| Size (including battery pack) | 14" (35.6 cm) x 4.5" (11.5 cm) x 7.5" (19.0 cm) |