



BRSInnovations

XR150

Portable X-Ray Generator



The redesigned XR150 has a 16 character LCD (8x2), menu based interface, and is powered by a DeWalt 12 V Li-Ion battery.

FEATURES

- ▶ Pulse setting from 1 to 999 counts
- ▶ Select 1 or 3 pulses per count in software
- ▶ Program countdown delay timing (5 - 240 seconds)
- ▶ Set multiple pulse trains
- ▶ Select time delay between pulse trains
- ▶ Records total life pulses on source
- ▶ Resettable pulse tracker
- ▶ Variable pulse rate (1 pulse per second or slower)
- ▶ Battery charges in 60 minutes
- ▶ Threaded socket for tripod (6.35 mm / 0.25", 20 threads/in.)
- ▶ Tie off points for custom handles and fasteners
- ▶ Complies with Health Canada regulations, including the Radiation Emitting Devices Act.

HIGHLY PORTABLE

- ▶ Source with battery is 20% lighter than previous version
- ▶ Kit weighs 13.4 lbs; 32% lighter than predecessor
- ▶ Compact case size is 35% smaller in volume
- ▶ Battery weighs less than 0.5 lbs (0.23 kg)

STANDARD COMPONENTS

- ▶ Key switch (x 2)
- ▶ DeWalt Li-Ion battery (x2) and charger (110 V or 220 V available)
- ▶ Remote firing cable, 3 m (10 ft)
- ▶ Carrying Case
- ▶ Easy grip housing with removable handle
- ▶ Each system is identified with a Golden Engineering label including the model and serial number



The XR150 is the smallest in a range of Portable X-Ray Generators from Golden Engineering, used extensively throughout the world by EOD specialists and for Non Destructive Testing.



The redesigned interface is easy to use, with many new features and functions included.



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PHYSICAL DIMENSIONS

Length: 10.62 in. (26.97 cm)
 Width: 3.03 in. (7.70 cm)
 Height: 4.07 in. (10.34 cm)
 Weight: 4.85 lbs. (2.20 kg)

X-RAY OUTPUT

X-ray dose per pulse: 1 mR*
 Counts per battery charge: 1,750 counts (5,250 pulses)
 Counts per second: 4 counts (12 pulses)
 Expected tube life (glass tube): 50,000 counts (150,000 pulses)
 X-ray source size: 1/8 in. (3 mm)
 Maximum Photon Energy: 150 kVp
 X-ray pulse width: 50 nanoseconds
 Beam Angle: 40 degree standard

ELECTRICAL SPECIFICATIONS

Battery voltage: 12 volts or 10.8 volts
 Battery type: DeWalt DC127, Lithium Ion, 3 Cells
 Battery recharge time: One Hour
 Current draw: 9 amps @ 12 volts
 Current flow: 0.1 mA

SYSTEM

Max. Duty Cycle: 100 counts (300 pulses) per 4 minutes
 Service Life: 50,000 counts (150,000 pulses)
 Warranty: 1 year limited parts, labour, and service

*measured 30 cm (12") from front of the unit



At only 2.13 kg, it is the ideal X-Ray source for various portable applications such as Helicopter borne EOD teams and for use on Mini Robotic Vehicles.

In need of repairs or upgrades for your Golden Engineering X-Ray Source? BRS is the exclusive Canadian distributor for Golden Engineering. We are able to provide repairs, as well as upgrades to make your x-ray source Health Canada compliant. Contact us or email us for more information.

