

Golden Engineering XRS3



The PXR Generator GEXRS3 is a 270 kV, battery powered, pulsed X-ray generator used in security and light industrial applications. High kV enables high penetration of dense material

The PXR Generators are designed for quick and easy setup. The light weight of the sources allows users of different sizes to be able to carry and deploy the system anywhere.

Intended to be used by NDT operators in Construction, Energy and Power, Shipyard, Oil and Gas as well as for EOD and IED Teams and Special Forces.

Sales code	PXR8903157
Waveform	Pulsing
Output range	270 kVp
Beam angle	Cone beam 40°
Steel penetration	In range of 40-50 mm, 1 mm lead strip visible, dose: 200 pulses, sensor: PXR Alpha 36, Distance: 75 cm
Leakage dose	Average 2,6 mR/pulse (26 µSv/pulse) measured at 300 mm (12 in) from source
Power Supply	Li-Ion Battery 18 V - 20 V DeWalt, rechargeable and exchangeable
Communication protocols	Wired
Dimensions [W × H × L]	108.7 mm × 148.1 mm × 360.7 mm (4.28 in × 14.81 in × 14.20 in)
Weight	5.4 kg (11.9 lb) (Including battery)
Pulse Width	25 nanoseconds
Pulse Rate	15 pulses/s
Max. Duty Cycle	200 pulses per 4 minutes
Battery Life	4000 pulses per battery charge
Operating temperature	-23 °C to +50 °C (-9.4 °F to +122 °F)
Included in shipment	2 batteries, charger, control cable
IP rating	IP54