

PXR Generator 160



The PXR Generator 160 provides superior performance when it counts most:

- High penetration power
- Small focal spot for extreme sharpness
- Very robust design
- Large battery capacity
- All weather protection
- Designed for optimal cooling characteristics
- Designed and manufactured in Finland

Intended to be used by EOD Teams and Security Operatives.

Sales Code	PXR8903565
Waveform	Constant potential
Output range	40 kV to 160 kV
Output current	0,1 mA to 1,0 mA
Maximum power at the anode	160 W
Focal spot size	0.4 mm
Beam angle	Cone beam 40°
Leakage dose at 1 m	1000 - 2000 µSv/h @ full power, depending on direction
Power Supply	2 x 60 Wh, 2 x 2750 mAh, Li-Ion Batteries, rechargeable, exchangeable. Total capacity ~120 Wh or 5500 mAh. See PXR Battery, PXR8905033
Battery life	Continuous operation at full power: 120 kV, 1mA: 35 min, 160 kV, 1 mA: 30 min
Communication protocols	Wireless 802.11 2.4 GHz and Wired TCP/IP Ethernet
Dimensions [W x H x D]	331 x 124 x 214 mm, without bumpers and handle
Weight	11 kg with batteries and without bumpers
Steel penetration	In range of 24-26 mm, 1 mm lead strip visible, dose: 160 kV, 0.5 mA, 7.5 sec integration time, sensor: PXR Alpha 25, Distance: 75 cm Up to 43 mm, 1 mm lead stripe visible, 160 kV, 0,5 mA, sensor: PXR Tactical, Distance: 15 cm
Safety	Physical safety interlock with key Audible and visible warning signs
Operating temperature	-10 °C to +50 °C (-3 °F to +122 °F)
IP rating	IP65