

Constant potential Generator

PXR Generator 120



The Scanning Generator 120 enables reliable operations when needed.

The Scanning Generator 120 is designed for quick and easy setup. Light weight of the source allows users of different sizes to be able to carry and deploy the system.

Intended to be used by EOD Teams, Counter Surveillance, Customs and Security Operatives.

Sales Code	PXR8903015
Waveform	Constant potential
Output range	60 kV to 120 kV
Output current	0.25 mA to 1.0 mA
Beam angle	Cone beam 40°
Leakage dose at 1 m	< 1000 µSv/h @ full power, depending on direction
Power Supply	Li-Ion Battery, rechargeable, exchangeable 2.900 mAh, 73 Wh, Mains Power
Battery life	14 minutes at full power Up to 300 scans in power save mode, and 6 second images Up to 30 scans @ full power and 24 seconds per scans
Communication protocols	Wireless 802.11 b/g/n and Wired TCP/IP Ethernet
Dimensions [W × H × D]	245 mm × 180 mm × 80 mm (9,6 in × 7 in × 3,1 in)
Weight	5.5 kg without bumpers (12.1 lb), 6.2 kg without battery (13.7 lb), 6.7 kg including battery (14.8 lb)
Steel penetration	In range of 16-18 mm, 1 mm lead strip visible, 120 kV, 1 mA, 5 sec integration time, sensor: PXR Alpha 25, Distance: 75 cm Up to 30 mm, 1 mm lead stripe visible, 120 kV, 1 mA, sensor: PXR Explorer, Distance: 15 cm
Operation modes	Horizontal, vertical, any angle
Safety	Physical safety interlock with key Audible and visible warning signs
Operating temperature	-20 °C to +50 °C (-3 °F to +122 °F)