

# 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.**

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