3DX-RAY



-Gen

- · Suspect item inspection
- EOD evaluation
- Customs control
- Vehicle scanning

Compact x-ray generator

A battery-operated portable, compact and robust x-ray generator designed for rapid on-site deployment. The I-Gen is versatile, user-friendly and compatible with all 3DX-RAY portable x-ray detector panels.

Quick and simple to deploy, the I-Gen produces extremely high quality x-ray output.

The remarkably compact generator has been designed and developed to offer a stable and constant output.

It's compact size makes it easy to x-ray items where space may be limited.

The I-Gen is battery powered as standard and operated remotely.

It can be ready to use within a matter of seconds and is suitable for all types of terrain.

The I-Gen is a rugged oil-filled design so, unlike some other portable generators, does not contain any ozone-depleting Class 9 gas. This makes the I-Gen suitable for all modes of transportation

internationally without a requirement for additional dangerous goods documentation and associated expense.

Ideal for use by First Responders, EOD teams, Counter Surveillance, and Customs and Security Operatives.

Also suitable for NDT operations.

The package comprises

- A portable x-ray generator
- · Batteries and charger
- Wireless communication
- · Carry case
- Software to control generator operation and output

Features

- Insulated with oil not gas
- High penetration with small focal spot
- Designed for rapid deployment and ease of use
- Portable, compact & highly robust
- Compatible with all 3DX-RAY portable detector panels
- Remote control
- Battery operated



I-Gen on tripod



X-ray of drugs in pipes in fuel tank

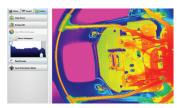


Improvised explosive device in can



I-Gen 360° stand

I-Gen



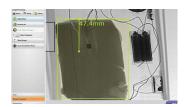
False colour



In car inspection



I-Gen with 360° stand



Measurement



Under car inspection

120kV x-ray generator, batteries, charger, removable handle, AC/DC power supply, software, wireless communication. Options include: 360° stand, tripod, spare batteries and chargers, carry case, wired cable sets. Technical Specifications Type Constant potential, oil insulated Maximum kV 120kV (adjustable 40-120kV) Maximum mA 1mA - 2mA (2mA @ 60kV) Dimensions (L x W x H) 245mm x 180mm x 80mm Weight (without battery) 5.5kg Pre-warning time Adjustable Focal spot size 0.5mm x 0.5mm (mini-focal) Window Glass Beam angle 50′ x 50′ Tube life >10 years of daily use Maximum capacity (1 battery) 24V, lithium ion, 2500 mAH Charger time Two (2) hours Duty cycle 100% (operated via mains power) Bump test Designed to IEC 60068-2-29:Test Eb Operating temperature -30°C to +55°C Storage temperature -40°C to +80°C Designed to MIL-STD-810F 501.4 and 502.4 Humidity Ingress protection (water, dust) Designed to IP55 Penetration Communications Wireless (as standard) 802.11a/g/n, up to 25m range (extendable with repeaters) Rafety Physical safety interlock key switch	Standard Package	
chargers, carry case, wired cable sets. Technical Specifications Type Constant potential, oil insulated Maximum kV 120kV (adjustable 40-120kV) Maximum mA 1mA - 2mA (2mA @ 60kV) Dimensions (L x W x H) 245mm x 180mm x 80mm Weight (without battery) 5.5kg Pre-warning time Adjustable Focal spot size 0.5mm x 0.5mm (mini-focal) Window Glass Beam angle 50' x 50' Tube life ×10 years of daily use Maximum capacity (1 battery) 20 minutes continuous Two (2) batteries (inc 1 spare) 24V, lithium ion, 2500 mAH Charger time Two (2) hours Duty cycle 100% (operated via mains power) Bump test Designed to IEC 60068-2-29:Test Eb Operating temperature -30°C to +55°C Storage temperature -40°C to +80°C Designed to MIL-STD-810F 501.4 and 502.4 Humidity 0% to 95% non-condensing Ingress protection (water, dust) Designed to IP55 Penetration 30mm guaranteed, 34mm typical Communications Wireless (as standard) 802.11a/g/n, up to 25m range (extendable with repeaters) RS232 (option) 25m, 50m		, 9
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Wireless (as standard) 802.11a/g/n, up to 25m range (extendable with repeaters) RS232 (option) 25m, 50m Safety	Penetration	30mm guaranteed, 34mm typical
RS232 (option) 25m, 50m Safety	Communications	
Safety	Wireless (as standard)	802.11a/g/n, up to 25m range (extendable with repeaters)
	RS232 (option)	25m, 50m
Physical safety interlock key switch	Safety	
, , ,		Physical safety interlock key switch
Audible & visible warning signs		Audible & visible warning signs
CE compliant		CE compliant

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An **IMAGE SCAN** company



