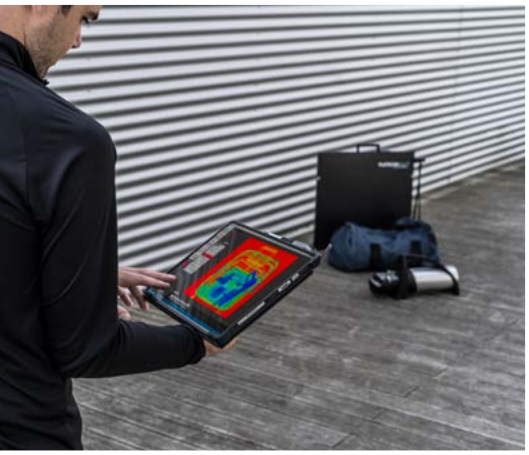
THE ULTIMATE X-RAY SOLUTION







CPBATTERY CP160B

Battery Powered X-Ray Generator



TELEDYNE ICM
Everywhereyoulook™
Part of the Teledyne Imaging Group

CP160B

COMPACT, LIGHT, EFFICIENT!

This ultra-light, compact and battery operated constant potential portable X-Ray generator is the perfect tool for specific NDT applications that require repetitive short exp sures. Its versatility also makes it the ideal piece of equipment for security applications. In fact, in combination with the FLATSCAN15 XS, the FLATSCAN30 XS and other digital X-Ray detectors, the CP120B will – thanks to its small focal spot and constant potential X-Ray output – enhance image quality and definitely contribute to a reduced exposure time.





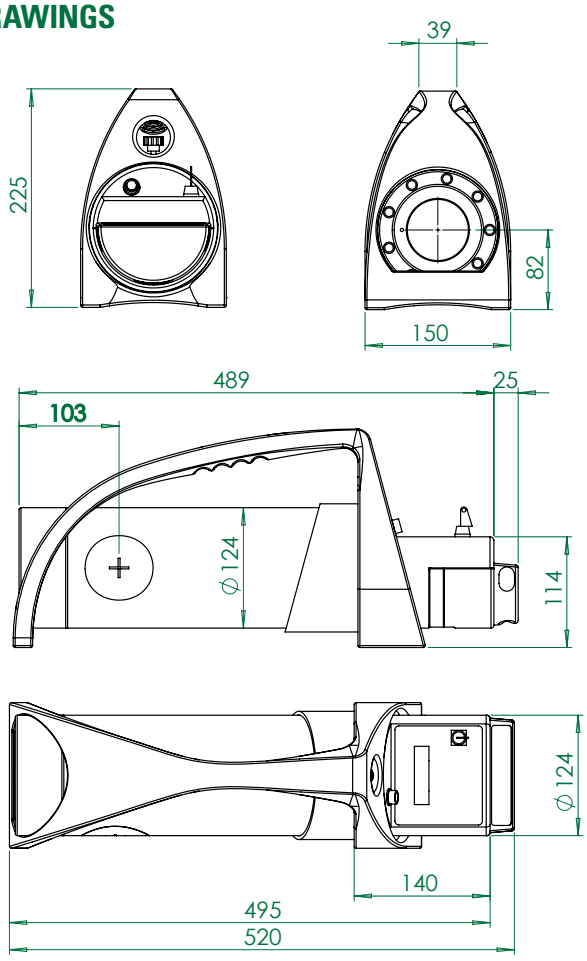


LIGHT-WEIGHT | BATTERY OPERATED | SMALL FOCAL SPOT | DR-READY | UP TO 160 KV | ROTATING TANK | WIRELESS OR CABLE

TECHNICAL SPECIFICATION

Features	Unit	CP160B
Radiation geometry	-	Directional
Output voltage range	kV	40 to 160
Tube current rangeRO	mA	0.1 to 0.5
Tube current at full output	mA	0.5
Maximum power at the anode	W	80
Constant potential beam	-	Yes
Maximum penetration	mm	45 (optimal conditions)
Weight	Kg	9.2
Overall dimensions	mm	ø 124 x 520
Leakage dose at 1m at full output	mSv/h	< 2.0
Optical focal spot according to EN12543/ EN ISO 32543	mm	0.8 x 0.7
Maximum useful angle	°	60 x 60
Inherent filtration	mm	Equiv. 3.5 (Al)
Waterproof level	-	IP54
Operating temperature	°C	-25 to +50
Storage temperature	°C	-40 to +80
Maximum exposure time	minutes	15
Low battery level indicator	-	Built in
ROV compatibilty	-	Comp. with major brands

DRAWINGS



SAFETY WARNINGS. The Goods can cause death, personal injury or property damage if they are used, operated, maintained, stored or disposed of improperly. In particular, the Goods may emit x-ray radiation, so adequate safety precautions must be taken to minimize exposure. At a minimum, Buyer should adhere to the ALARA (as low as reasonably achievable) principle and should comply with all applicable regulations relating to protection against x-ray emissions.

All specifications are non contractual and subject to change without prior notice.

09.2026

TELEDYNE ICM

Zoning Les Plenesses / Rue Du Progrès 3 / B-4821 Andrimont (Dison) - Belgium

+32 (0)87 44 01 50 / icm.sales@teledyne.com

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