

 COMPACTNESS AT ITS BEST



CPBATTERY CP120B

Battery Operated Portable X-Ray Generator



TELEDYNE ICM
Everywhereyoulook™

Part of the Teledyne Imaging Group

All the power you need and more



LIGHTWEIGHT



BATTERY OPERATED



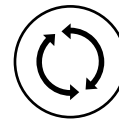
SMALL FOCAL SPOT



DR-READY



UP TO 120 KV



ROTATING TANK

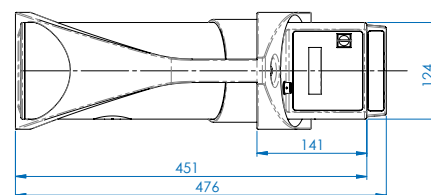
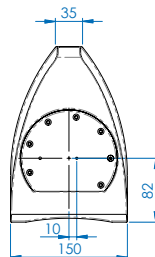
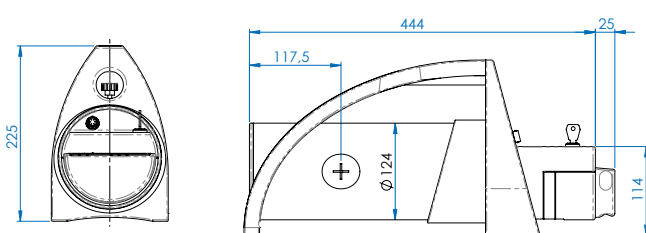
FEATURES

	Unit	CP120B
Beam	-	Directional
Power supply	-	Battery
Output voltage range	kV	40 to 120
Tube current range	mA	0.1 to 1.0
Tube current at full output	mA	1.0
Maximum power at the anode	W	120
Constant power mode	-	Yes
Working cycle at 30°C (*)	%	/
Steel penetration (**)	mm/in	10 / 0.4
Weight (excluding hand rings)	Kg/lbs	7.0 / 15.4
Overall dimensions	mm/in	Ø 124 x 476 / 4.9 x 18.7
Leakage dose at 1 m at full output	mSv/h	< 2.0
Optical focal spot according to EN 12543	mm/in	0.8 x 0.5 / 0.03 x 0.02
Maximum useful angle	°	50 x 50
Inherent filtration	mm/in	Equiv. 3.5 / 0.1 (Al)
Waterproof level	-	IP54
Operating temperature	°C/°F	-25 to +50 / -13 to +140
Storage temperature	°C/°F	-40 to +80 / -40 to +176
Guard rings	-	Optional

(*) Open air - airstream 5m/sec.

(**) 400 mm FFD, 1 min, AA400, D=2 for CPB

DRAWINGS



ACCESSORIES



RUGGEDIZED STRUCTURE



ADJUSTABLE COLLIMATOR



CARBON TRIPOD



FAST BATTERY CHARGER



TRIGGER



EXTERNAL POWER SUPPLY

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

TELEDYNE ICM

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