



BEST WEIGHT TO POWER RATIO IN THE WORLD



CP SERIES CP300DM

Constant Potential Portable X-Ray Generators



TELEDYNE ICM
Everywhere you look™

Part of the Teledyne Imaging Group

Your inspection becomes a walk in the park



LIGHTWEIGHT



100% DUTY CYCLE



CONSTANT
POTENTIAL



METAL CERAMIC
X-RAY TUBE



RUGGEDIZED



WIDE INPUT
POWER RANGE

FEATURES

	Unit	SITEX CP300DM
Beam	-	Directional
Power supply	-	Mains
Output voltage range	kV	30 to 300
Tube current range	mA	0.5 to 10
Tube current at full output	mA	3
Maximum power at the anode	W	900
Constant power mode	-	Yes
Working cycle at 30°C (*)	%	100
Steel penetration (**)	mm/in	66 / 2.6
Weight	Kg/lbs	29 / 63.93
Overall dimensions	mm/in	Ø 180 x 837 / 7.1 x 33
Leakage dose at 1 m at full output	mSv/h	< 5.0
Optical focal spot according to EN 12543	mm/in	3 / 0.12
Maximum useful angle	°	60 x 40 elliptical
Inherent filtration	mm/in	0.8/ 0.03 (Be window)
Protection class	-	IP65
Operating temperature	°C/°F	-30 to +60 / -22 to +140
Storage temperature	°C/°F	-40 to +70 / -40 to +158

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

(**) 700 mm FFD, 10 min, AA400, D=2 for CPD

CP SERIES BUILD-IN CAROUSEL | 5 OUTPUT POSITIONS



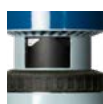
Laser



Custom
diaphragm



60° x 40°



Lead shutter



Be Window

ACCESSORIES

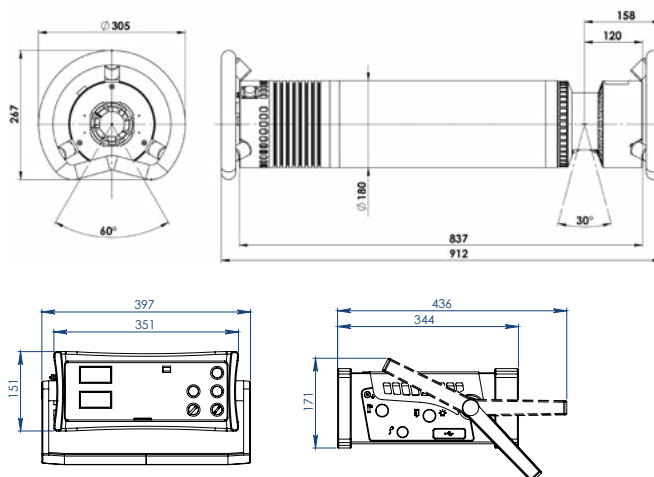
Quadripod	Transport case
Holding bars	Flashing light
Tripod	Diaphragms
Pipe slider	Reinforced cable
Alucase	Tripod flashing light
Battery converter	

POWERBOX

	Unit	POWERBOX
Adjustable pre-warming time	sec	5 to 255
Pilote light indicator	-	3
Independent START and STOP	-	Yes
Two-position safety key rotary switch	-	X-ray ON / STANDBY
Preheating is function of selected kVs (kV max by default)	-	Automatic
Exposure time calculator	-	Optional
Programmable safety interlocks	-	3
Clear indication of the precise carousel system position	-	Yes
Type of power supply	-	Mains, Power generator, Battery (option)
Supply voltage range	VAC	From 90 to 264
Supply frequency range	Hz	From 45 to 66
Input power factor when at full output	%	99
Input current at full power, 230 VAC	A	6.0
Storage temperature	°C/°F	-40 to +70 / -40 to 158
Operating temperature	°C/°F	-30 to +55 / -22 to 131
Protection class	-	IP65
Weight	Kg/lbs	7.9 / 17.4

Communication: Wi-Fi (works with Sherlock NDT)

DRAWINGS



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

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