



BEST WEIGHT TO POWER RATIO IN THE WORLD



# CP SERIES CP300C

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



LIGHT-WEIGHT



100% DUTY CYCLE



CONSTANT  
POTENTIAL



METAL CERAMIC  
X-RAY TUBE



RUGGEDIZED



WIDE INPUT  
POWER RANGE

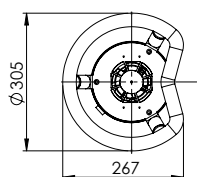
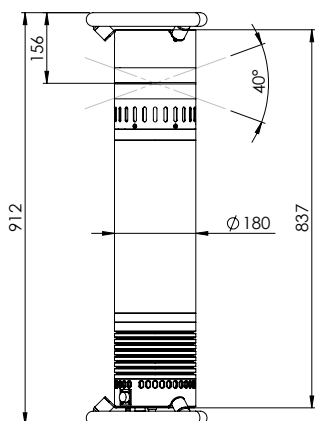
### FEATURES

	Unit	SITEX CP300C
Beam	-	Panoramic
Power supply	-	Mains
Output voltage range	kV	30 to 300
Tube current range	mA	0.5 to 10
Tube current at full output	mA	2.5
Maximum power at the anode	W	750
Constant power mode	-	Yes
Working cycle at 30°C (*)	%	100
Steel penetration (**)	mm/in	52 / 2.05
Weight	Kg/lbs	29.4 / 64.81
Overall dimensions (without guard rings)	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	0.5 x 5.5 / 0.02 x 0.21
Maximum useful angle	°	360° x 40°
Inherent filtration	mm / in	0.4 Ni / 0.02 + 3.5 / 0.14 Al
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

### DRAWINGS



### POWERBOX

	Unit	POWERBOX
Adjustable pre-warming time	sec	5 to 255
Pilot 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
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

### ACCESSORIES

Quadripod	Transport case
Holding bars	Flashing light
Tripod	Tripod flashing light
Alucase	Reinforced cable
Battery converter	60°x40° diaphragm for directional use
Safety lead cap	Pipe slider (when converted to directional)



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

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