



BEST WEIGHT TO POWER RATIO IN THE WORLD



CP SERIES CP300C

Constant Potential Portable X-Ray Generators



TELEDYNE ICM
Everywhereyoulook™

Part of the Teledyne Imaging Group

Your inspection becomes a walk in the park



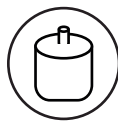
LIGHT-WEIGHT



100% DUTY CYCLE



CONSTANT
POTENTIAL



METAL CERAMIC
X-RAY TUBE



RUGGEDIZED



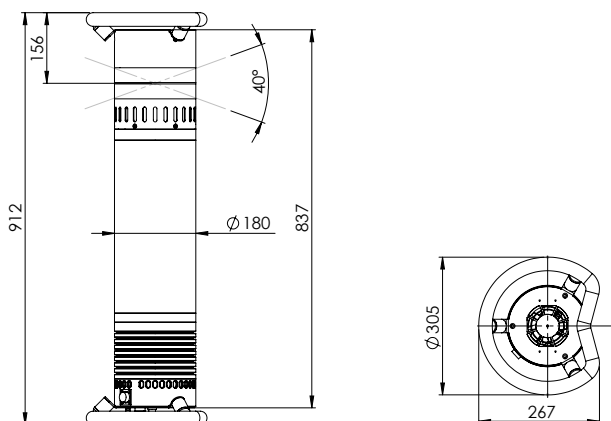
WIDE INPUT
POWER RANGE

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 (with guard rings)	Kg/lbs	29.4 / 64.8
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 / 0.2 x 0.21
Maximum useful angle	°	360° x 40°
Inherent filtration	mm / in	0.4 Ni / 0.02 + 3.5 / 0.14 Al
Waterproof level	-	IP65
Operating temperature	°C/°F	-30 to +60 / -22 to +140
Storage temperature	°C/°F	-40 to +70 / -40 to +158

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

DRAWINGS



POWERBOX

	Unit	POWERBOX
Adjustable pre-warming time	sec	3 to 99
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 ambient temperature range	°C/°F	-40 to +70 / -40 to 158
Working ambient temperature range	°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
Pipe slider	Reinforced cable
Alucase	Battery converter
Safety lead cap	60°x40° diaphragm for directional use



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

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