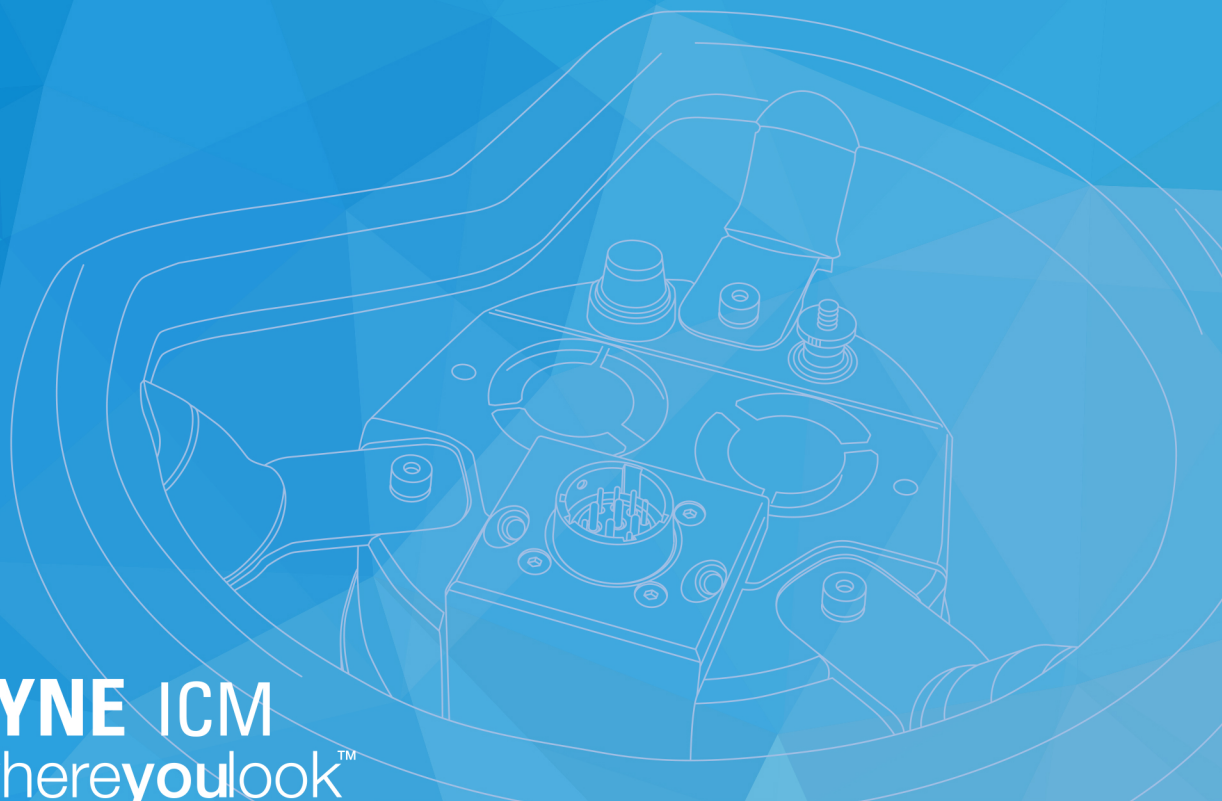


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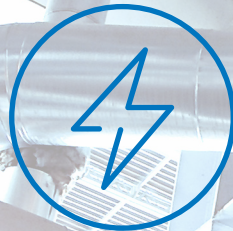
CPBATTERY

COMPACTNESS AT ITS BEST





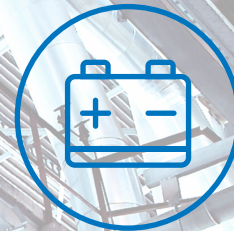
7 - 9.2 KG
15.4 - 20.3 LBS



40 TO 160 kV



MICRO FOCAL SPOT
0.8X0.5 MM



BATTERY OPERATED



PETROCHEMICAL

With all its small and crooked pipelines going up several meters, petrochemical installations are complex places to inspect. A compact and light x-ray generator is paramount for such tasks. Based on this observation, our team of engineers concentrated the power of the constant potential technology into battery operated x-ray sources, the CP120B and CP160B. With its small focal spot, lightweight and small size, the CP Battery range remains the tool of choice for such inspections.

CP BATTERIES

	Unit	CP120B	CP160B
BEAM	-	Directional	Directional
POWER SUPPLY	-	Battery	Battery
Output voltage range	kV	40 to 120	40 to 160
Tube current range	mA	0.1 to 1.0	0.1 to 0.5
Tube current at full output	mA	1.0	0.5
Maximum power at the anode	W	120	80
Constant power mode	-	Yes	Yes
Working cycle at 30°C (*)	%	/	/
Steel penetration	mm/in	10 / 0.4 **	21 / 0.8 **
Weight (excluding hand rings)	Kg/lbs	7.0 / 15.4	9.2 / 20.3
Overall dimensions	mm/in	Ø 124 x 440 / 4.9 x 17.3	Ø 124 x 490 / 4.9 x 19.3
Leakage dose at 1 m at full output	mSv/h	< 2.0	< 2.0
Optical focal spot according to EN 12543	mm/in	0.8 x 0.5 / 0.03 x 0.02	0.8 x 0.7 / 0.03 x 0.03
Maximum useful angle	°	50 x 50	60 x 60
Inherent filtration	mm/in	Equiv. 3.5 / 0.1 (Al)	Equiv. 3.5 / 0.1 (Al)
Waterproof level	-	IP54	IP54
Operating temperature	°C/F°	-25 to +50 / -13 to +140	-25 to +50 / -13 to +140
Storage temperature	°C/F°	-40 to +80 / -40 to +176	-40 to +80 / -40 to +176
Guard rings	-	/	/

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