

ULTRA-COMPACT AND VERSATILE CP 200 B

PORTABLE X-RAY GENERATOR



Digital Intelligence - Ready to Change.
www.duerr-ndt.com

 DÜRR
NDT

Technical data

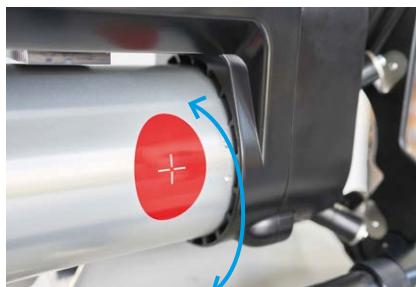
CP 200 B

Output voltage range	45 - 200 kV
Dimensions (H x W x D)	337 mm x 267 mm x 672 mm (13.3" x 10.5" x 26.4")
Weight (without guard rings)	12.5 kg (27.5 lbs)
Weight (with guard rings)	15.1 kg (33.9 lbs)
Tube current range	0.2 to 1.5 mA
Tube current at full output	1.5 mA
Maximum power at anode	300 W
Steel penetration	33 mm (1.3") *
Maximum useful angle	40 x 60 °
Optical focal spot according to EN 12543	0.8 mm (0.03")
Constant power mode	Yes
Working cycle at 30°C	100%**
Leakage dose at 1 m at full output	< 2.0 mSv/h
Inherent filtration	0.8 mm (Cu), Equiv. 3.5 mm (Al)
Protection level	IP65 (battery excluded)
Battery	DeWalt battery 54V
Operating conditions	-30 to 60°C (-22 to 140°F)
Scope of supply	Transport case, DeWalt battery, battery charger, filter holder + lead shutter
Accessories	Mains power supply, trigger cable, safety interlock cable, remote control cable, external flashing light, tripod stand

* 700mm FFD, 10 min exposure on D700 film, density 2 **Open air

Important features

- ✓ Constant potential output 200 kV@ 1.5 mA
- ✓ 0.8 mm focal spot and 40° x 60° directional beam
- ✓ Compact and intelligent design for easy positioning
- ✓ Wireless or wired operation



Versatile positioning options and easy alignment of the X-ray outlet by adjusting the rotation in the fixture.



Easily accessible and replaceable DeWalt battery.



The X-ray parameters of the CP 200 B can be easily set using the integrated keypad.