



BATTERY-OPERATED FOR UNMATCHED POWER



# CPBATTERY CP200B

Battery-Operated Portable X-Ray Generator



**TELEDYNE ICM**  
Everywhere you look™

Part of the Teledyne Imaging Group

## All the power you need and more



LIGHTWEIGHT



BATTERY OPERATED



UP TO 200 kV



100% DUTY CYCLE



SMALL FOCAL SPOT



ROTATING TANK



WIRELESS OR WIRED

### FEATURES

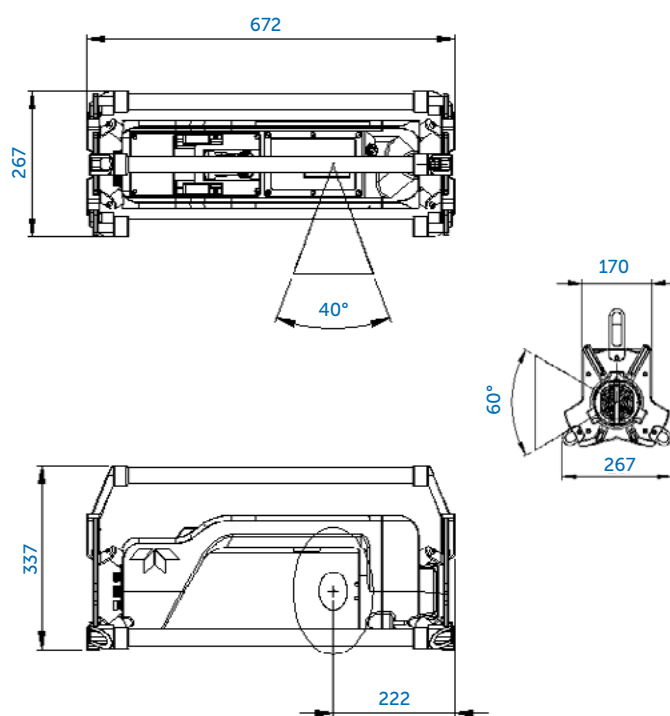
|                                          | Unit   | CP200B                                   |
|------------------------------------------|--------|------------------------------------------|
| Radiation geometry                       | -      | Directional                              |
| Power supply                             | -      | Dewalt Battery 54V                       |
| Output voltage range                     | kV     | 45 to 200                                |
| Tube current range                       | mA     | 0.2 to 1.5                               |
| Tube current at full output              | mA     | 1.5                                      |
| Maximum power at the anode               | W      | 300                                      |
| Constant power mode                      | -      | Yes                                      |
| Working cycle at 30°C (*)                | %      | 100                                      |
| Steel penetration (**)                   | mm/in  | 33 / 1.3                                 |
| Weight (without guard rings)             | Kg/lbs | 12.5 / 27.5                              |
| Weight (with guard rings)                | Kg/lbs | 15.1 / 33.9                              |
| Overall dimensions (L x W x H)           | mm/in  | 672 x 267 x 337 / 26.4 x 10.5 x 13.3     |
| Leakage dose at 1 m at full output       | mSv/h  | < 2                                      |
| Optical focal spot according to EN 12543 | mm/in  | 0.8 / 0.03                               |
| Maximum useful angle                     | °      | 40 x 60                                  |
| Inherent filtration                      | mm/in  | 0.8 / 0.03 (Cu)<br>Equiv. 3.5 / 0.1 (Al) |
| Waterproof level                         | -      | IP65<br>(battery excluded)               |
| Operating temperature                    | °C/°F  | -30 to +60 / -22 to +140                 |
| Storage temperature                      | °C/°F  | -40 to +80 / -40 to +176                 |
| Guard rings                              | -      | 2                                        |

(\*) Open air

(\*\*) 700mm FFD, 10 min exposure on D700 film, density 2



### DRAWINGS



### ACCESSORIES



TRIPOD



EXTRA BATTERY



TRIGGER



EXTERNAL POWER SUPPLY



COMPATIBLE WITH SHERLOCK NDT

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

TELEDYNE ICM

Zoning Les Plennes / Rue du Progrès 3 / B-4821 Andrimont (Dison) - Belgium

+32 (0)87 44 01 50 / icm.sales@teledyne.com



TELEDYNE ICM  
Everywhere you look™

Part of the Teledyne Imaging Group