



X-RAY DENTAL UNITS

Product Catalog

PORX — Portable X-Ray Unit

HAND-RAY 02 — Handheld X-Ray Unit

ZLY-G — Mobile X-Ray Equipment

ZLY-D — Digital X-Ray Sensor

DENTSMA

Website: <https://www.dentsma.com/product-category/equipment/>

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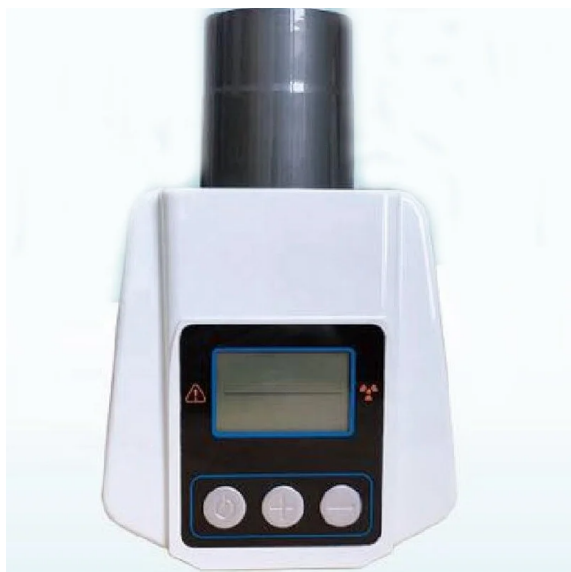
PORX — Portable X-Ray Unit



Technical Specifications

Rechargeable Battery	Lithium Polymer 24V
Maximum Battery Charge	25.2V
Battery Current (2mA, 60kV)	10A
Power Supply	JBL7451250750100FJ, Bridge Power Corp.
Input	AC 100-240V, 50-60Hz, 1.0A
Output	DC 25.2V, 0.75A
DC Output Cable Length	1550 mm
AC Input Cable Length	1550 mm
Remote Controller Cable	3000 mm
Exposure Time Range	0.01 – 1.6 sec
Maximum Duty Cycle	1:60
Maximum Inherent Filtration	1.6 mm Al
Maximum Output Power	120W nominal at 60kV, 2mA
Generator Rating	2mA at 60kV $\pm 5\%$
Leakage Technique Factors	60kV, 2mA, 1.6 sec

HAND-RAY 02 — Handheld X-Ray Unit



Technical Specifications

X-Ray Generator	DC High Frequency
Tube Voltage	60 kV
Tube Current	2 mA
X-Ray Tube Anode Type	Stationary
Anode Angle	16°
Focal Spot	0.7 mm
Heat Capacity	4300 J
Exposure Time Setting	0.05 – 1.35 sec
Total Filtration	1.5 mm Al
Total Weight	1.8 kg
Dimensions (W × D × H)	144.5 × 222.5 × 195 mm
Battery	DC 16.8V
Charger	AC 100–240V

ZLY-G — Mobile X-Ray Equipment



Technical Specifications

Power Supply	AC 220V / 110V $\pm 10\%$, 50/60Hz, 1KVA
Tube Voltage	60 kV
Tube Current	8 mA
Focus Size	0.8 mm
Total Filtration	2.5 mm Al
Exposure Time	0.1 – 4 sec
Leak Radiation	≤ 0.002 mGy/h outside one meter
Package Size	143 $\times$ 57 $\times$ 30 cm
Gross Weight	57 kg

ZLY-D — Digital X-Ray Sensor



Technical Specifications

Parameter	Small Sensor	Big Sensor
Dimensions	25.4 × 36.8 × 4.4 mm	30.4 × 41.9 × 4.4 mm
Imaging Area	20 × 30 mm	26 × 36 mm
Resolution	20 lp/mm	20 lp/mm
Image Capture Time	≤ 3 s	≤ 3 s
Sterilization Cycles	> 50,000	> 50,000
Bending Tests Passed	> 70,000	> 70,000
Connection	USB 2.0	USB 2.0
Exposure Detection	Automatic	Automatic
Sensor Technology	APS CMOS	APS CMOS
Output Depth	16 bit	16 bit
Dust/Water Rating	IP68	IP68

Packing List

- Warranty information
- Pre-installation Software (U-key Storage)
- User manual
- Cable Length: 3M