OWANDY-RX PORTABLE

Portable dental X-ray

Product presentation

OWANDY-RX PORTABLE

SUPER HIGH IMAGE QUALITY
Exceptional high image resolution thanks to it **0.3mm focal spot**

EASY AND SIMPLE TO USE
Take quick images by applying patient and teeth **preset values**

LIGHT & COMPACT
One of the lightest on the market : **1,8kg** !
Easy to handle with one hand

Product presentation

OWANDY-RX PORTABLE

WIRELESS CHARGING
Charge easily Owandy-RX Portable by placing it on the cradle

LONG-LASTING BATTERY
Scan up to **300 times** with one full charge of battery

POWERFULL & ACCURATE
One of the most powerfull on the market: **70kV / 3mA**

Product pictures

Backscatter shield (optional)

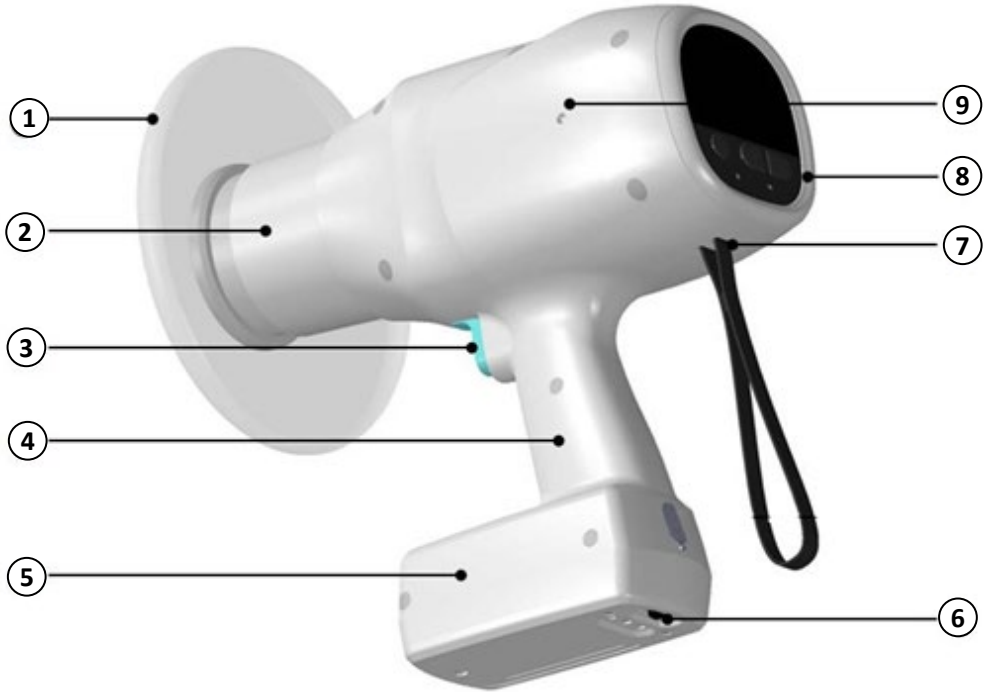
Wireless cradle

Product pictures

Owandy RADIOLOGY

Equipment general view

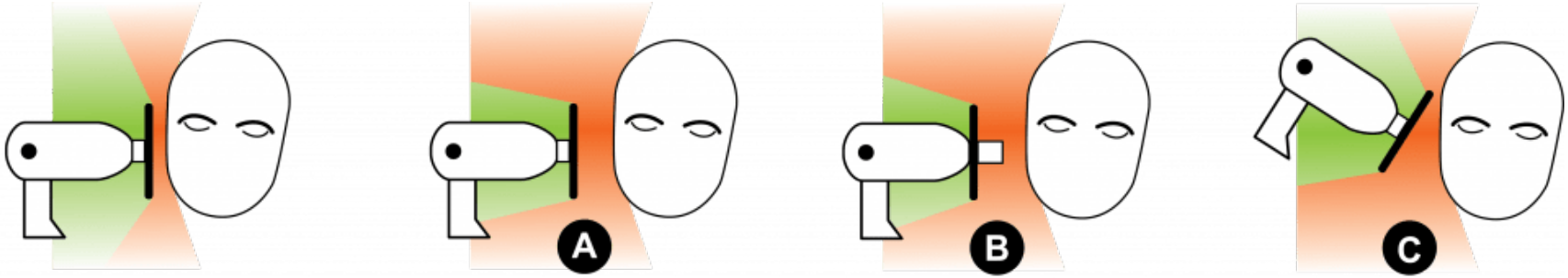
No.	ITEM	DESCRIPTION
1	**Backscatter Shield**	Shields from the backscattering radiation
2	**X-ray Beam Limiting Device**	Limits the X-ray exposure area (FOV: Ø 60 mm)
3	**X-ray Exposure Button**	X-ray emissions
4	**Device Handle**	Grip the handle securely when using the system
5	**Battery**	Rechargeable Li-polymer battery
6	**Power Switch**	Power switch On/Off
7	**Strap Loop**	Connect the strap
8	**Control Panel**	Display for the X-ray exposure settings and operation conditions
9	**X-ray Generator**	X-ray tube + high-voltage generator



General features

No.	ITEM	DESCRIPTION
1	**Sensor Mode Selection**	Select the sensor mode: DR, CR, Film
2	**Battery Charging & Level**	Indicates battery charging & battery remaining level
3	**X-ray ready**	Indicates X-ray irradiation ready status
4	**X-ray Exposure**	Indicates during X-ray irradiation status
5	**X-ray Exposure Time**	Display the X-ray exposure time Display an error & warning code, cooling time, low battery etc.
6	**Patient Type Selection**	Select adult (Big), adult (normal) or Child
7	**Tooth Type Selection**	Select the tooth type (incisor, canine, molar/premolar or bitewing)
8	**Enter Button**	Validation
9	**L & R Adjustment and Movement**	Move left or right for menu (or mode) selection
10	**X-ray emission on/off**	Indicates that X-ray emission is disabled when the LED is on.
11	**User Option Setting Indicator**	Indicates that user have entered the user option settings menu.

Backscatter shield option



MAXIMUM PROTECTION

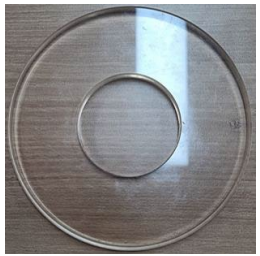
- Backscatter shield is close to the patient.
- Shield is positioned at the outer end of the collimator cone.
- Patient tilts head if needed to accommodate the exposure.

POOR PROTECTION

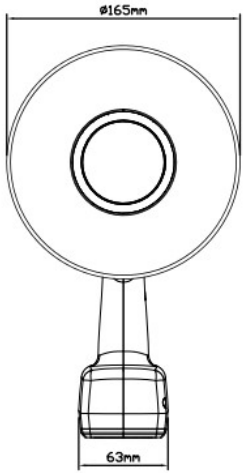
A. Device is not held close to the patient.
B. Backscatter shield is not positioned at the end of the collimator cone.
C. Shield is not parallel to the operator.

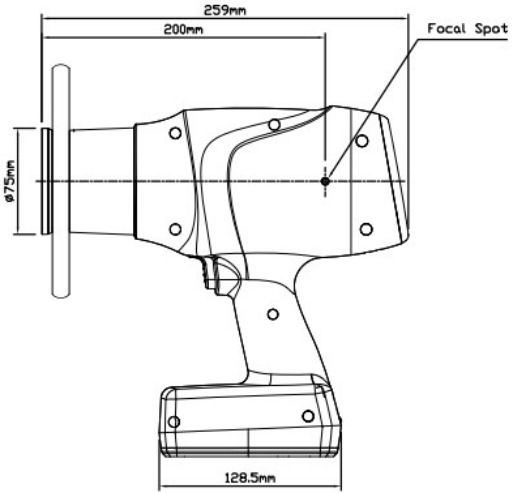
Technical features

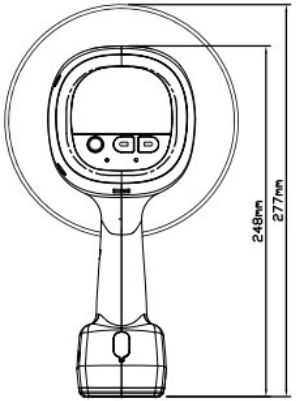
X-ray tube	CEI
kV/mA	70kV / 3mA
Focal spot	0.3 mm
Total filtration	1.5mm Al
Battery charger input voltage	100-240V / 50~60Hz
Battery voltage	24.2V
Weight	1.8 kg
Options	Backscatter protection Rectangular collimator (30x40mm, 20x30 mm)

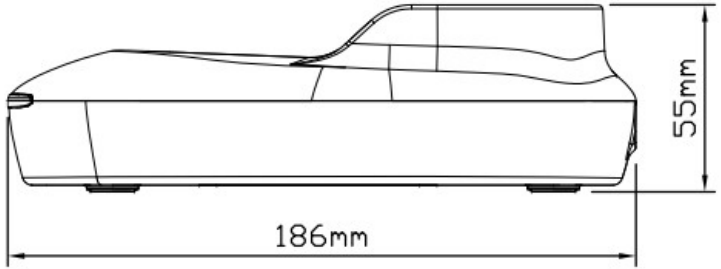
Backscatter shield	Rectangular Collimator (2x3)	Rectangular Collimator (3x4)
		

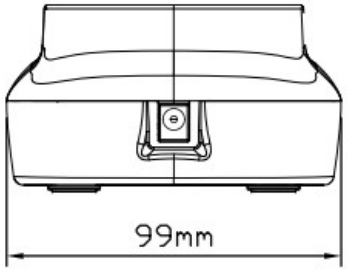
Technical drawings











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