



MEDICATECH VET®
A Medicatech Company

Hand-Held Dental Generators MASTERDENT



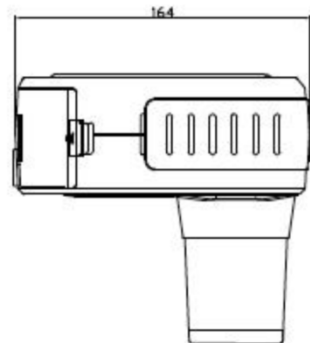
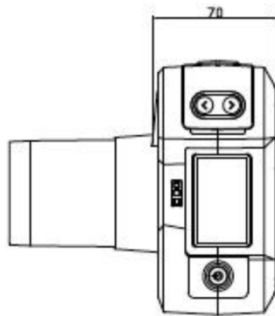
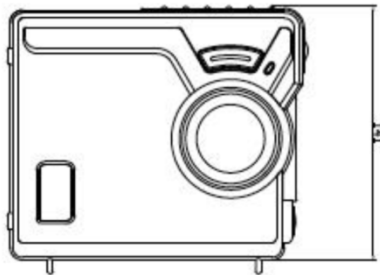
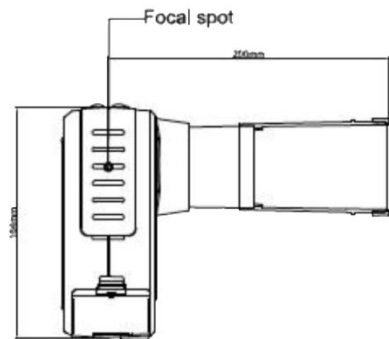
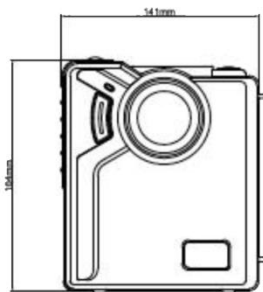
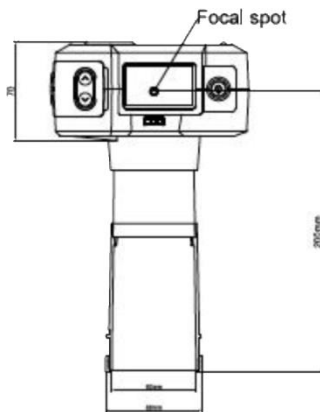


► System Specifications

X-ray generator	high frequency
Tube voltage	60kV(fixed)
Tube current	2mA (fixed)
Tube type	Stationary
Tube focal spot	0.8mm
Target angle	20°
Exposure time	0.05~1.25sec - Digital Sensor
(increase 0.05sec)	0.20~1.35sec - Film
Power requirement	DC 14.2~16.8V
Weight	1.8 kg / 4 lbs.
Detector	Film / PSP / Digital Sensor
Power supply	Rechargeable Lithium Polymer Battery
Display	OLED
Charge Method	Magnetic Cable



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MasterDent Details and Accessories



BACK SCATTERED FIELD



For Radiation Safety

Radiation: Below Detectable Limit (0.06 mR/hr)
@1m From Focal Spot

Leakage Far Below FDA Limit (25 mR/hr)
@1m From Focal Spot

Radiation: 2.5 mR/hr
@5cm From Accessible Case Surface

BACK SCATTERED FIELD



Material Charge Condition
Current : 1.0 A
Voltage : 16.8 VDC
Temperature : 0 ~ 40

Use condition

Max. current : 10 A
Voltage range :
12(min) ~ 16.8(MAX)V
Temperature : 20 ~ 40
Full charging &
discharging : 300 times
Recharging cycle :
1.5 ~ 2.0 hrs

POWER SUPPLY



Model: JBL910A-16C0
Input Voltage: 100 ~ 250 VAC
Output Voltage: 16.8 VDC
Current: 1.0 A

REMOTE CONTROLLER





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