



Dental X-Ray

Mobile AV-XRD-1 / Wall AV-XRD-2



Wall AV-XRD-2



Mobile AV-XRD-1

Features

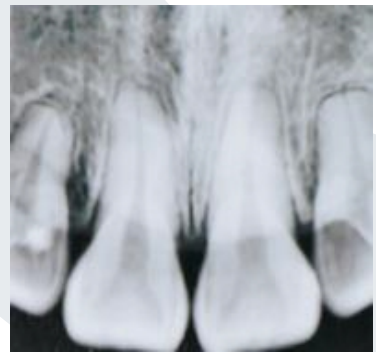
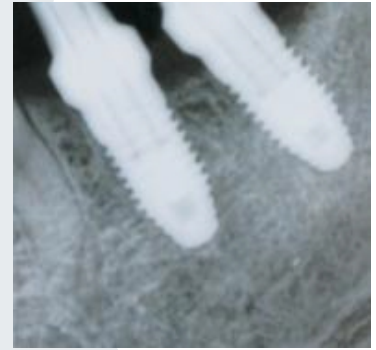
1. Using the international advanced technology, efficient integrated design, high efficiency, low radiation
2. Digital touch button, simple operation, just press one button can quickly and accurately determines the parameter, is the ideal assistant for dentist
3. Using microcomputer intelligent control, not only remote controlled exposure, but more powerful function of low voltage alarm and high voltage protection
4. Micro focus technology, much more clear image and accurate diagnosis
5. Wide use, save more space, more convenient to use
6. Can use light room dental film, imaging in one minute, maximum convenient dentist to diagnose
7. Can connect to dental digital imaging system, that is indispensable for clinicians to diagnose and root canal filling

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Specifications

Power supply	AC220V $\pm$ 10%, 50HZ, 1KVA Tube
voltage	60Kvp/70Kvp optional
Tube current	8mA/0.5mA optional
Focus size	0.8mm
Total filtration	2.5mmAL
Exposure time	0.2-4s
Leak radiation	Outside one meter $\leq$ 0.002mGy/ h(national standard:0.25mGy/h)



Optional Digital Intra-Oral Sensor

Aps cmos sensor technology,
Smart connection technology,
Suitable for all kinds of xray machines,
Direct evaporation scintillator technology,
Ultra-high sensitivity
Usb 2.0 interface direct connection,
Thin design, smooth angle, thumb position,
Humanized design,
Protection level ip68

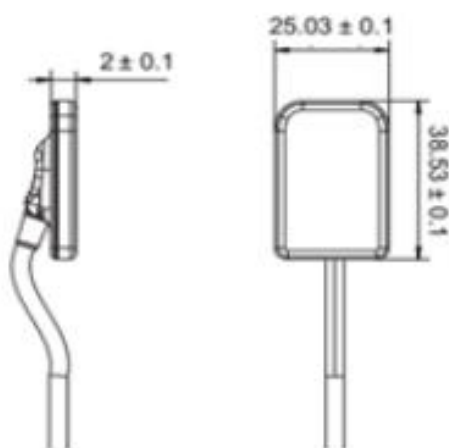


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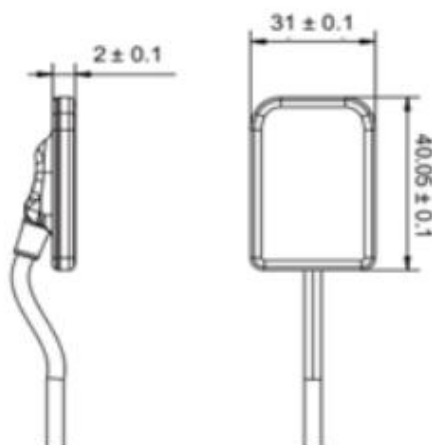
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Technical Specifications

Model	Dental X-Ray-Wall (AV-XRD-2)
Mechanical Dimension (mm ³)	25.0×38.5×2
Effective imaging area (mm ²)	20×30
Pixel Matrix	(1.5M)1000×1500
Sensor type	APS CMOS
Scintillator type	DIRECT-GROWTH CESIUM IODIDE
Cord length (m)	Standard 3m, Optional 5m
Pixel size (μm)	20
Spatial resolution (lp/mm)	In theory: 25 lp/mm Actual: 14-16 lp/mm (High sensitivity) 18-20 lp/mm (high resolution)
Gray scale	16bits, 65535
Exposure mode	SMART AED mode
Protective grade	IP68 for Soak disinfection
Accessory function	Support the Twain Protocol
Operating System	Windows 7 and above, 32/64bit



Mobile AV-XRD-1



Wall AV-XRD-2

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