

### **Technical Specification**

The above specification may be modified without a notice for improving its capacity

ITEM	DETAIL ITEM	DESCRIPATION
Equipment	Class & Type	Class 1 Type B
	Dimension	2000 x 800 x 1300 (LxWxH:mm)
	Weight	170kg
	Input Voltage and Frequency	220V, 60Hz
	Power Consumption	500VA
	Communication Interface	RS-232
X-Ray Generator	Max. Tube Voltage	80kV
	Max. Tube Current	1.25mA
	Input Voltage and Frequency	90V - 240V, 47Hz – 63Hz
	Aluminum Equivalent	2.0 mm Al
X-Ray Detector	Detector Channels	32 CH
	Material	CdZnTe
	Area	64.5 X 6.07 (mm)
Performance	Image Size (Spine)	213 x 108 (mm)
	Image Size (Femur)	143 x 128 (mm)
	Reproducibility	CV% ≤1.5%
	Measurement Site	AP-Spine, Femur, Forearm
	Measurement Time	30 sec~ 50 sec (normal case)
Environment	Operation Temperature	20 °C ~ 30 °C
	Operation Humidity	20 % ~ 80 %
	Storage Temperature	-5 °C ~ 50 °C
	Storage Humidity	0 % ~ 95 %



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# **Dual Energy X-Ray Absortionmetry Fan Beam & 32 Channels Detector**





# **GRAND Mini**

# **High-Speed Scanning and High definition Image** from Fan Beam and 32 Channel Detector.



Compare the measurements of different sites simultaneously.

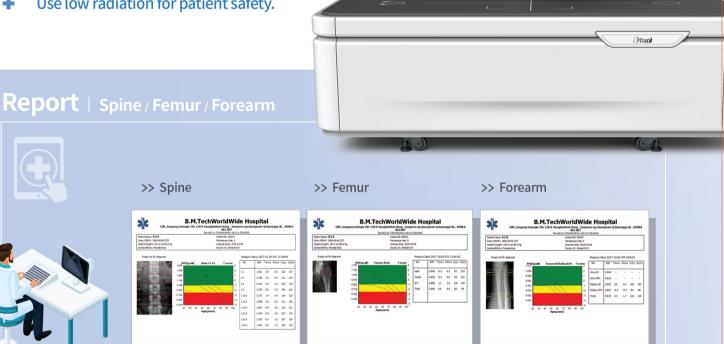
Short measurement time \_High speed scanning.

Fan Beam Technology.

32-Channel detectors.

Use low radiation for patient safety.

>> Spine



#### Software UI





# **High Performance**

- · Grand Mini provides superior result for scanning and diagnosis.
- · Ergonomic and sophisticated design is applied.
- The system scans spine, femur and forearm to provide high resolution images and precise data.
- The low radioactivity level of the system further enables installation at anywhere.

## **E**xcellent Precision & Accuracy

• Applying FAN BEAM and 32-channel detectors, the measured areas are scanned and analyzed swiftly and accurately to provide high reproducibility through superior accuracy and precision.

## Fracture Risk Assessment

- Grand Mini Provides BMD measurements in compliance With the standard of WHO.
- · A patient's bone density can easily and quickly be calssified into High, Middle or Low.

# **C**oncise Report

- Grand Mini produces simple and easily comprehensible reports to help patients understand their diagnosis results.
- Grand Mini combines scanned images and compares data between body sites to
- With OsteoPro Grand mini, bone density can be monitored frequently and precise examination can be conducted with reference to the table and graph data provided by WHO.

