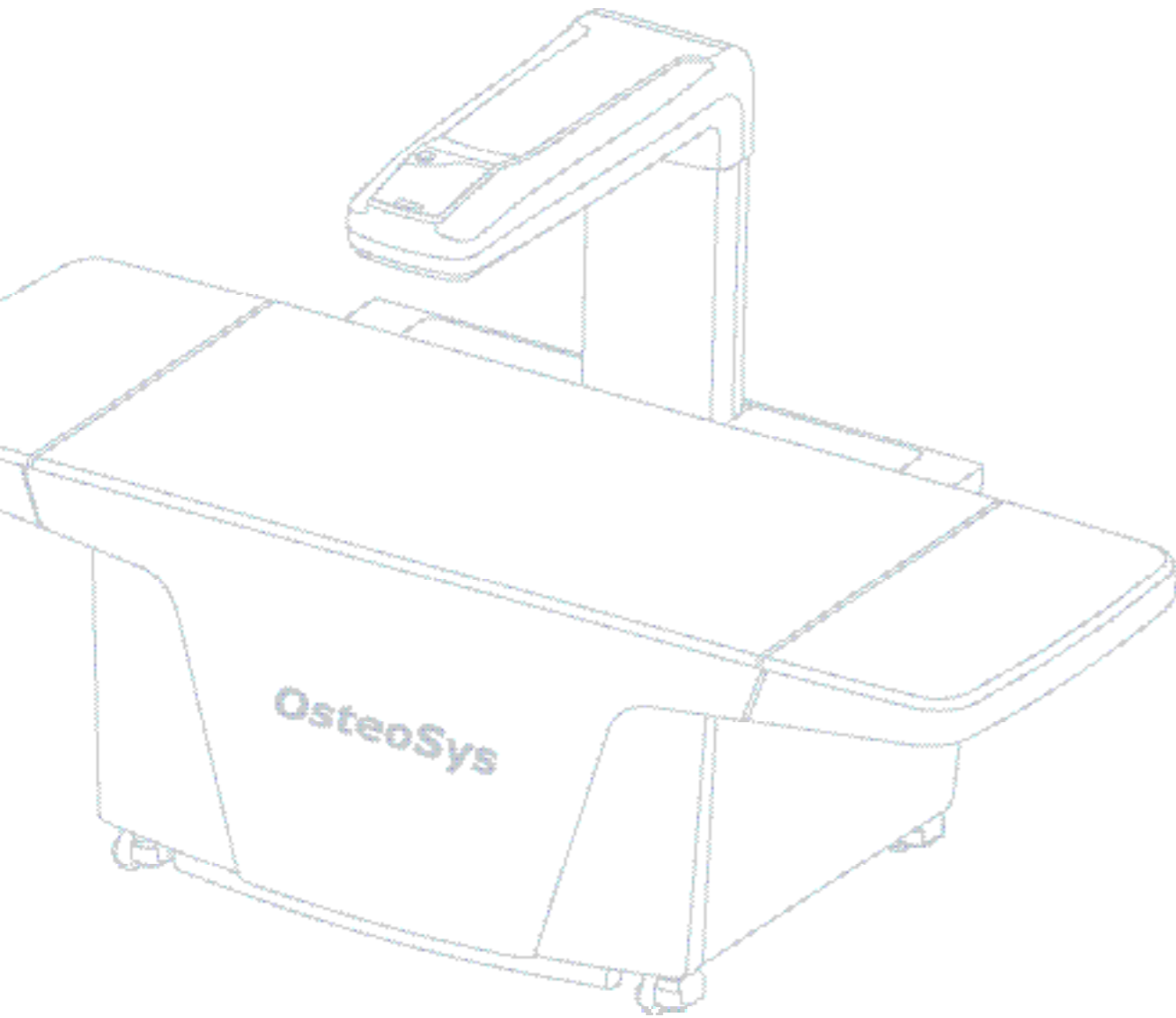


DEXXUMT

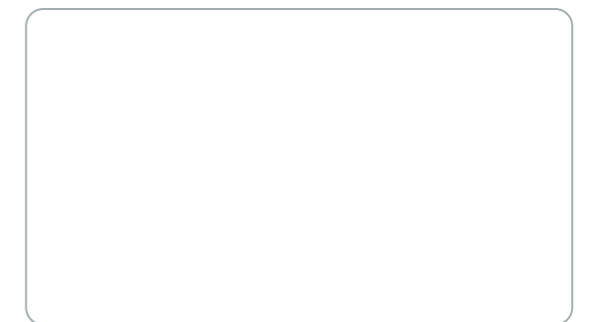
The innovation of Axial DXA bone densitometry



DEXXUMT is a comfortable Axial DXA for medical doctors and patients

OsteoSys

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The innovation of Axial DXA bone densitometry

DEXXUMT is the fastest scan time Axial DXA in pencil beam

DEXXUMT, the Axial DXA bone densitometry which was developed and produced, can be installed regardless of the location due to its revolutionary design concept. It is the quickest way to undertake measurement for patients in their most comfortable posture without being hampered by their height or age. It also includes a range of color options from which consumers can select. The promotional effect by displaying the logo of your hospital on the report sheet is another benefit you would not want to miss besides the value innately found in the device. Axial DXA bone densitometry (DEXXUMT) brings you not only the accurate measurement for Bone Mineral Density but also options of diverse ranges that only Osteosys can offer.



Innovative functions

The Non-stop scanning Continuous scanning and single scanning for three different areas (AP spine & Dual femur) by adopting a wider scanning area are available. This means that it is capable of the quickest scanning compared with the devices in the same category (e.g., AP spine : 85 sec, femur : 65 sec). The built-in laser pointer in a cross shape makes it possible to measure the same area twice while the Auto ROI (Region Of Interest) system helps the BMD to achieve excellent reproduction in the respective parts measured.

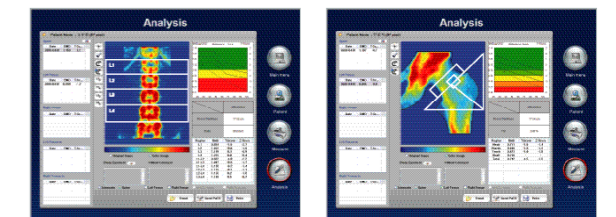
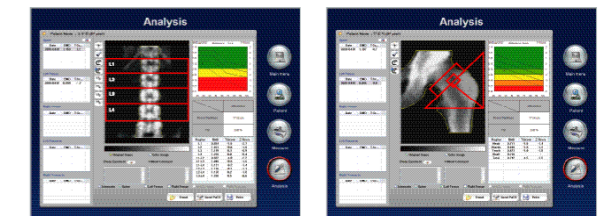
Additionally, the automatic tube current modulation depending on height and weight of a patient is available for calibrating a lean patient for scanning. Furthermore, it includes the Automatic Soft Tissue calibration, automatic division on the boundary surface while the Add / Delete function is offered when using a bone or tissue that is susceptible to errors in the BMD calculation such as implants or operated areas. In all, the precision and accuracy rate, the most critical elements of a measuring instrument, is up to 99%. These are all factors which make the BMD values reliable.

Technical specifications

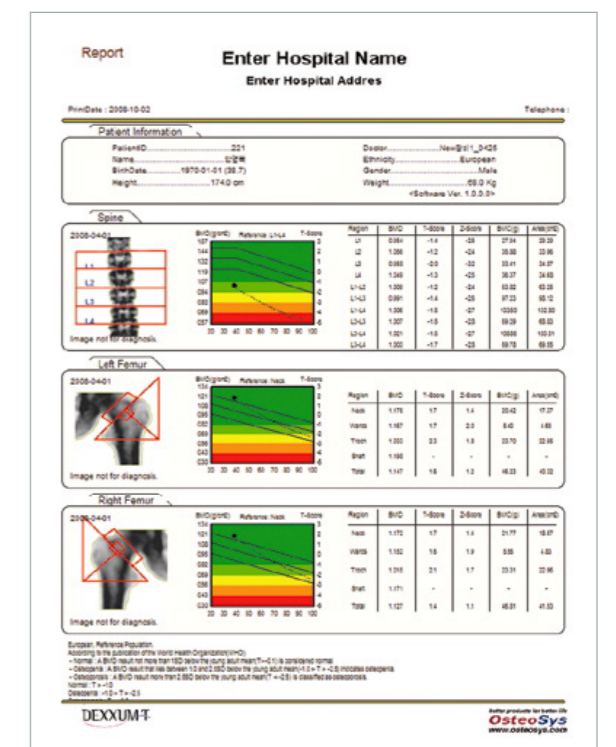
System	
X-ray system	Axial DXA (Dual energy X-ray Absorptiometry)
Scanning method	Pencil beam
Performance	
Scan site	AP Spine, dual femur, forearm
Scan area	580 × 480 mm
Scan mode	Non-stop scan (AP Spine, dual femur)
Scan time	(Fast) AP Spine : 85 sec. Femur : 65 sec. (Normal) AP Spine : 187 sec. Femur : 120 sec. Forearm : 5 min. 53 sec.
Reproducibility	≤ 1% C.V.
Measured parameters	BMD, BMC, area, tissue thickness, body fat
Calibration system	Automatic calibration, daily QC phantom
Patient positioning	Laser aid positioning (Plus shape type)
Image transmission	DICOM connectivity available
X-ray characteristic	
Environmental requirements (Self protection for source temperature)	Ambient temperature : 17 ~ 30°C Humidity : 20 ~ 80% (Non-condensing) Power : 100 ~ 120 VAC. 50 ~ 60 Hz / 220 ~ 240 VAC. 50 ~ 60 Hz
Minimum PC requirements	
Operation system	Windows XP, Windows Vista
Monitor	LCD monitor (1280 × 1024 pixel)
Printer	Color ink jet with 300 × 300 dpi resolution
Dimensions and weight	
Dimensions	Standard : 2000 × 800 × 1221 mm Medium : 1900 × 800 × 1221 mm Compact : 1850 × 800 × 1221 mm
Weight	130.5 kg



S/W main view



S/W analysis view



AP Spine & dual femur report

Option (Color)



※ Specifications and color of product may vary without prior notice.