



medical **ECONET**  
GERMANY



## PRIMUS

Total body DXA bone densitometer with Fan Beam Technology

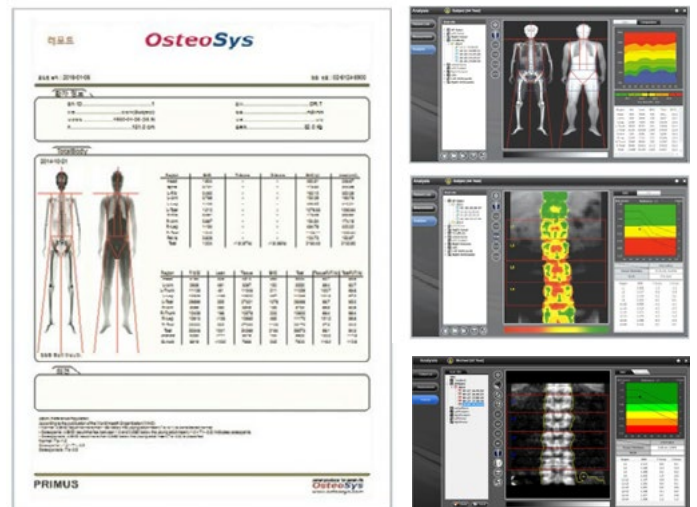
- Very high precision and short scan time: Femur (19 sec.)
- Total Body Assessment: BMD, T-score, Z-score, BMI, Body composition (Fat, Lean, BMC)
- LVA (Lateral Vertebral Assessment) to detect lateral vertebral fractures
- Hip analysis to evaluate the proximal femur geometric
- Pediatric function to measure children's BMD
- Orthopedic function - automatic exclusion of hip prostheses, metal fastenings and artifacts
- FRAX - 10 year fracture risk analysis
- Friendly Touch operating panel
- Multi Color mapping analysis: RCM, BCM, OCM
- High Resolution Image
- Multi language support
- Very low radiation

## Specifications

Scan type	FAN beam
Sites and time	Total body (10 min, depending on height) AP spine (29 sec) Femur (19 sec) Forearm (21 sec) Lateral spine (44 sec) LVA (144 sec)
Analysis	BMD, T-score, Z-score, BMI, Body composition (Fat, Lean, BMC)
Pediatric function	included
Orthopedic function	included
FRAX (10 year fracture risk analysis)	included
Measuring method	Non-stop scan (AP Spine, Dual Femur)
Region of Interest	AUTO ROI
Radiation Dose	<0,1 mSv per 1 time
Database	DB back up and restore
Scan area	Total body: 58 x 200 cm Femur: 12 x 18 cm Spine: 16 x 19,2 cm
Dimensions	278 x 104 x 126 cm
Weight	210 kg
Environmental requirements	Ambient temperature: 10 – 40°C Humidity: 20 – 80%, non-condensing Power: 100 ~120VAC. 50~60Hz/220~240VAC
Operating System	Windows 7, 8, 10
DICOM / PACS	included
Detector	CZT (Cadmium Zinc Telluride)



## Software



## Dimensions

278 x 104 x 126 cm, about 210 kg



CE 0120



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\*All specifications are subject to change without notice