

OsteoSys to prevent Osteoporosis

Preventing osteoporosis and bone fractures with our bone densitometer

OsteoSys, a brand specialized in bone density diagnosis equipment, produces various products which can diagnose osteoporosis easily and accurately to help humanity enjoy healthy lives.
If you have accurate diagnosis and prescription through bone density equipment of OsteoSys, you can enjoy healthy and happy life by avoiding risk of osteoporosis.

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Global sales

130 sales networks in 95 countries



OsteoSys

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PRIMUS

better products for better life

THE ONE STOP SOLUTION
Whole body DXA





OsteoSys

Whole body DXA bone densitometer

State-of-the-art DXA whole body scanning system

PRIMUS is the best one stop solution for the measurement of bone mineral density alongside body composition and various assessments. Patients lie still on a table while a machine arm passes over their entire body, technicians can get information of BMD, lean body mass and fat mass for the whole body and individual regions. It helps us keep the body in balance especially fat and muscle.

Features

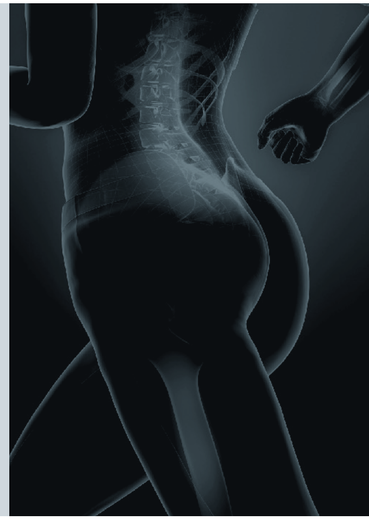
- Whole body DXA (Dual energy X-ray Absorptiometry)
- Fan beam technology
- Scan site : Whole body, AP spine, Femur(Dual femur), Forearm, Lateral spine, LVA(VFA)
- Body composition : Fat mass, Lean mass, Total weight
- Assessment : Orthopedics, Pediatrics, Hip analysis, FRAX, Color mapping
- Whole body scan area : 2020 × 580 mm
- Scan time : AP spine (30 Sec.), Femur (25 Sec.), Whole body (Around 7 Min.)
- Gorgeous design





Technical specifications

- Whole body DXA (Total body composition and assessment)
- Narrow fan beam
- Scan site : Whole body, AP spine, Femur (Dual femur), Forearm, Lateral spine, LVA (VFA)
- Scan area : 2020 × 580 mm / 2020 × 620 mm (Optional)
- Scan time : AP spine - 30 Sec. (± 2 Sec.)
  Femur - 25 Sec. (± 2 Sec.)
  Forearm - 23 Sec. (± 2 Sec.)
  Whole body : 7 Min. (Ergonomic) / 11 Min. (Standard mode)
  ∗ Depends on height
- Automatic real one-scan
- Reproducibility : ≤ 1.0% C.V.
- Measured parameter : BMD, BMC, BMI, T-score, Z-score, Area, Total body BMD, Total body Composition (Fat / Lean / BMC), HA(Hip Analysis), Dual femur
- Total body composition and various whole body assessment
- Orthopedics / Pediatrics / FRAX / B-Scope(Body-Scope) / Color mapping / Ergonomic scan / Trend report / DICOM & PACS
- Dimension : 2784 × 1045 × 1258 mm (Standard)
  2284 × 1045 × 1258 mm (SB)
- Table height : 650 mm
- Weight : 210 Kg
- Power consumption : 110 VAC / 220 VAC (+/- 10%)







Scan area for entire body

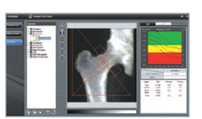
Image analysis



Main user interface



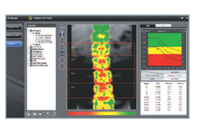
Total body composition



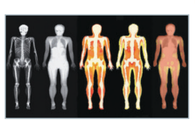
Femur



LVA(VFA)

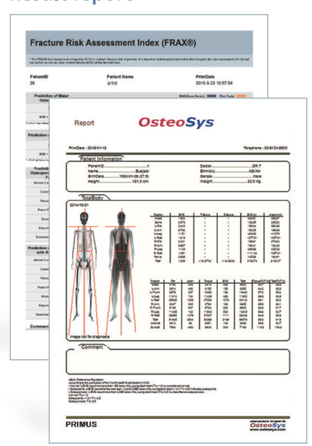


Color mapping mode



Body composition analysis

Result report



Whole body & FRAX report