

Sonost-3000

Ultrasound Bone Densitometer

Sonost-3000 is a portable, economic solution for evaluating the risk of osteoporotic fracture. Its low precision error assists in the first diagnosis of osteoporosis monitoring bone changes.

Sonost-3000 provides fast, convenient and easy-to-use measurements of the calcaneus (heel bone) for superb assessment of osteoporotic fracture risk.

Provides information on bone quality and fracture risk

The Sonost-3000 measures SOS (Speed Of Sound) and BUA (Broadband Ultrasound Attenuation), and applies them to calculate BQI (Bone Quality Index)

T-score and Z-score Represent

- Young adult mean standard variation (T-score)
- Age-matched mean standard variation (Z-score)



ECONET medical



Excellent Techniques

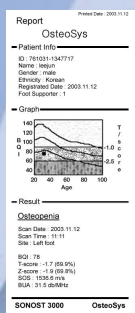
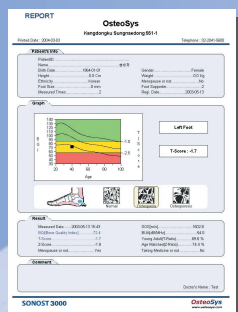
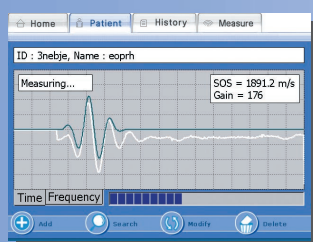
- Superior precision
- Permanent coupling pads
- Auto-positioning probes
- No repeatability variation cause to fluctuation in water temperature
- Quick scanning time (15 sec)
- Enhanced precision self-developed foot supporters
- Enhanced stabilization

Provide Bone Quality Info

- Bone density (SOS)
- Bone (macro and micro) structure (BUA)

Improved Convenience

- Comprehensive user program
- Easy measurement (convenient dry type)
- No replacement required for coupling pads
- Efficient patient file management system (available date-base)
- Built-in computer and printer, saving the valuable space
- Color TFT-monitor (Touch screen)
- No radiation hazard
- Prompt A/S



Specifications

Measurement site	Calcaneus (Heel bone)		
Scan time	15 seconds		
Measurement	Estimated heel BMD and Bone Quality Index (BQI) Obtained from measured Broadband Ultrasound Attenuation (BUA) and Speed Of Sound (SOS)		
Estimated Index	SOS (C.V.%)	BUA (C.V.%)	BQI (C.V.%)
In Vivo	0.2	1.5	1.5
Transducer	25 mm ~ 100 mm		
Separation range	Automatic adjustment		
Storage capacity	10000 patient information		
Coupling method	Gel coupled (water not used)		

Display	6.4 inch TFT (65536 color)
User Interface	Touch screen USB keyboard (optional) USB mouse (optional)
Printer	Thermal printer External printer (optional)
Power Input	AC 100 V ~ 240 V 50/60 Hz 130 W
Dimension	30 cm x 62 cm x 39 cm
Weight	12 kg

medical **ECONET**

www.tatthanmed.com