

SONOST 3000

better products for better life

The portable QUS bone densitometer



OsteoSys

The stand-alone QUS bone densitometer

Portable device with embedded PC, touch screen and thermal printer

SONOST 3000 offers comfortable and easy-to-handle measurement through its high-sensitivity touch screen without the need of an external monitor or a keyboard. Moreover, the built-in thermal printer prints out report cards in a simple format to cut down maintenance cost. The semi-permanent waterless probe with its high-elasticity is comfortable on the body and it has also contributed to reducing maintenance cost and help operator to clean easier. The automatic probe positioning is one of the best solution for QUS system to minimize positioning errors.

Features

- Portable
- Waterless probe
- Built-in computer and thermal printer
- Touch screen : 7" color TFT LCD monitor
- Automatic positioning probes
- Temperature compensation function
- Easy to clean, and low maintenance
- FRAX



Technical specifications

- Measurement method : Ultrasound
- Measurement site : Calcaneus (Heel)
- Measured parameter : T-score, Z-score, SOS, BUA, BQI index
- Reproducibility : SOS - $\leq 1\%$ CV
BUA - $\leq 2\%$ CV
- QC check : Daily QC phantom
- Dimension : (W)615mm × (D)310mm × (H)312mm (Calf supporter folded)
(W)615mm × (D)310mm × (H)387mm
- Weight : 12.6kg



Calf supporter



Touch screen color monitor



Auto-moving table with waterless probes

Result report

REPORT Enter Hospital Name
Enter Hospital Address Telephone

Print Date : 2015-05-06

Patient's Info
 PatientID.....Osteosys_Test Name.....Test
 Date of Birth.....1983 Gender.....Male
 Ethnicity.....Korean Height.....169.0 cm
 Weight.....59.0 kg Regl. Date.....2015.03.23
 Foot Supporter.....1

Graph

Right Foot
T-score : -0.9

Result
 Scan Date.....2015.04.30 Scan Time.....15:41
 Site.....Right Foot BQI.....86.6
 T-score.....-0.9 T-ratio.....83.3%
 Z-score.....-0.8 Z-ratio.....86.5%
 SOS[m/s].....1518.0 BUA[dB/MHz].....94.2

SONOST 3000

Calcaneus report

Printed Date : 2015.05.06
Osteosys

== Patient's Info ==
 PatientID : Osteosys
 Name : Test
 Date of Birth : 1985
 Gender : Male
 Ethnicity : Korean
 Height : 169.0 cm
 Weight : 59.0 kg
 Regl. Date : 2015.03.23
 Foot Supporter : 1

== Graph ==

== Result ==
Osteopenia
 Scan Date : 2015.04.30
 Scan Time : 10:06
 Site : Right Foot
 BQI : 83.6
 T-score : -1.1(80.4%)
 Z-score : -1.2(80.0%)
 SOS[m/s] : 1509.7
 BUA[dB/MHz] : 101.5

== Comment ==

Thermal print report

