OSTEO pro Series Specification

Product / Model	Ultrasound Bone Densitometer / OSTEOPro Series
Classification	Class 1 , Type BF
Ultrasound Parameter	BUA(Broadband Ultrasound Attenuation) SOS (Speed Of Sound) OI (Osteoporosis Index)
Diagnosing Parameter	OI, SOS, T-Score, Z-Score, %Young Adult, %Age Match, OPR
Methods and Transducers	Single Element Flat Type Center Frequency: 0.5 MHz
Measurement Time	15 seconds
Precision	OI - in vivo < 0.7% BUA - in vivo < 0.2% SOS - in vivo < 0.2%
Dimension(mm)	Product: 580mm×300mm×290mm Packaging Box: 720 mm×440mm×440mm 820 mm×540mm×540mm
Operating Temperature	5~35℃ (50~104°F)
Humidity (non-condensing)	20~80% R.H
Electrical Power Requirement	AC 100~240V, 50/60Hz,120W

	OSTEOPro Smart	OSTEOPro Master	OSTEOPro Easy	OSTEOPro Dual
PC System	X	O	O	X
7" Touch LCD	X	X	O	X
Printer	X	X	O	X
Growth Forecast	X	X	X	O
Weight (Excl. Bag)	Net 12.5kg Gross 17.5kg	Net 16kg Gross 19kg	Net 16.5kg Gross 19.5kg	Net 12.5kg Gross 17.5kg

※The above specification may be modified without a notice for improving its capacity.

CE 0499 EN ISO 9001 EN ISO 13485 GMP

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OSTEO pro Series

Ultrasound Bone Densitometer

BMTECH Bio Medical Technology

OSTEO *pro* SERIES

Ultrasound method of diagnosis is ***harmless*** to the body compared to ***X-ray*** type and can perceive ***other bone*** data.

High Quality, Precise Data and User friendly System

The features of OSTEO *pro*

More Accurate

- Using WHO's diagnostic standard parameter, **OSTEOPro** provides the reliable diagnostic results.
- **OSTEOPro** uses oil medium that is similar to water, but is not affected by temperature changes, thus reducing diagnostic errors and improving reproducibility remarkably.
- T-score Precision: less than 0.1 percent.

More Economical

- One of the strong points of **OSTEOPro** is the balloon with durable material.
- The balloon is permanent, so there is no risk of balloon blowout.
- Longer balloon replacement cycle, so it saves the cost of consumables

More Convenient

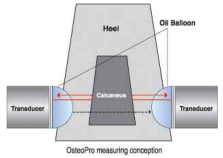
- It's easy to move around and can be used in limited space.

More Options

- We offer four different models to choose from according to your needs.

Osteoporosis Diagnosis for Adults

■ Advanced technology to achieve the highest accuracy



OSTEO *pro*
measuring concept diagram

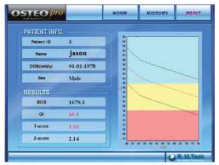
- **Using oil medium**
  - Data variation due to temperature inconsistency has been minimized
- **Utilizes Ultrasound Transducer**
  - Diagnostic errors caused by the transducer shifting has been reduced
- **Adopts Calcaneus Thickness Data**
  - Accuracy of diagnostic result has been improved by adopting calcaneus thickness data as one of parameters of calcaneus thickness data

■ A convenient user friendly interface

- Provides simple and easy entry of patients' information, and supports
- Languages support
- An external printer and monitor can be used together.
- Up to 100,000 patients' data can be stored automatically.

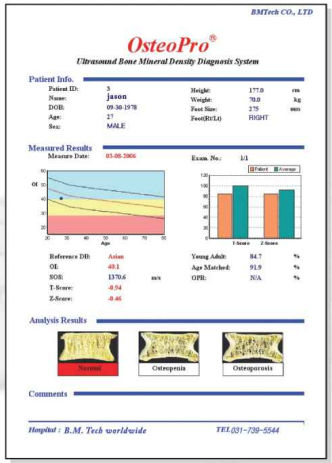

Main screen


Display during measurement


Result display – 1


Result display – 2

■ Result Sheet



- **Uses Standard Bone Density Data**
  - **OSTEOPro** produces more accurate prognosis by using bone density data that have been achieved through a variety of clinical diagnoses.
- **Reflects WHO's Osteoporosis Diagnosis Standard**
  - It adopts the osteoporosis diagnosis standard established by WHO (World Health Organization).
  - T-score(Young-Adult)
  - Z-score(Age Matched)