

MSLBD07 Good quality ultrasound bone densitometer



Technical Parameters

1. Ultrasonic parameters: BUA (ultrasonic amplitude attenuation), SOS (ultrasonic sound velocity), OI (bone mass index)
2. *Measurement method: full dry type (no liquid inside and outside the equipment, no temperature control device required), two-way ultrasonic transmission and reception
3. Probe frequency: $0.5\text{MHz} \pm 10\%$
Broadband at 4.-6db: $>60\%$
4. Measurement time: ≤ 25 seconds
5. Test repeatability: $\text{OPR} \leq \pm 1\%$
6. Measurement accuracy: $\text{SOS} \leq \pm 2\%$
7. Test repeatability: $\text{BUA} \leq \pm 5\%$
8. * Diagnostic parameters: BUA, OI value, T value, Z value, SOS, OPR, adult ratio, age ratio
9. Ultrasonic output TIS: $2.8 \times 10^{-3} \text{mW/cm}^2$

10. Calibration (correction): automatic calibration of the human body simulation module
11. * Temperature compensation system: Automatically compensates for measurement deviation caused by temperature
12. Built-in reference database: Asian, European, Middle Eastern and African databases
13. * Standard dual USB interface output, built-in thermal printer (suitable for out-of-office operation), and can output different types of printer output reports.
14. * and equipped with two foot auxiliary stations to adapt to various foot detection.
15. * Diagnostic report output; automatic test data diagnosis, built-in print report output. Diagnostic information can be entered in the diagnostic report, and an external printer output report is also provided. The software supports sending the PACS network system.
16. * Measurement site and probe spacing: Automatically adjust the probe measurement spacing to direct contact with the heel.
17. * Bone Density Software Test System: Human bone density test software automatically locates the ultrasound probe and automatically searches for the best signal. Automatically prompts that the test site is placed correctly.
18. * Built-in computer host and built-in 10.1-inch touch screen display operation.
19. Complete calculation parameters:
Adult: T value, Z value, age ratio, adult ratio, OPR (measurement repeatability), OI (bone index), SOS (sound rate), BUA (ultrasonic amplitude attenuation)
20. * Probe: The oil bladder probe uses special ultrasonic oil as a conductor for measurement. The probe automatically searches for the best signal and does not need to be replaced during the life of the product. It can be used permanently.
21. Language switching: Chinese/English interface switching. Software style: simple and golden interface optional.
22. *All Chinese color report form, providing A4, B5 and other size report formats, convenient for previewing and printing at any time
23. * Supports Bluetooth report transmission and supports WeChat scan code self-download download.
24. * Complete Internet function and communication protocol to facilitate access to the hospital's networked system and expert remote consultation.
25. *Special work trolley, display, support operating system: WindowsXP, Win7, 8, 10 (full support for Microsoft 32-bit/64-bit operating system)
26. * Case database management system, automatic recording, query, classification, backup, etc., quick and easy to find; measurement results can be exported to EXCEL format, convenient for doctors to carry out data statistics and analysis.
27. Operating humidity (non-condensing): 30-70% Relative humidity: 0-80% non-condensing Operating temperature: 10-40 ° C
28. Power requirements: AC220V \pm 10% 50Hz, 3.15A 125W
29. Instrument (host) weight: 13Kg
30. Instrument (host) size: (width \times height \times length) Instrument: 330mm \times 360mm \times 645mm



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