

FURUNO

CM-300

Ultrasound Bone Densitometer



Highly Accurate and Speedy Measurement

CM-300 measures bone density of human heel using ultrasound.

With easy-to-use interface of the color touch screen and portable compact design, CM-300 is most suitable for screening test of osteoporosis. Up to 12,000 measurement results can be stored in the device.



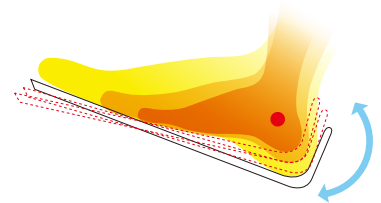
Features of CM-300

Touch screen with Color LCD

Measurement operation, patient data input and unit maintenance are available from the screen.

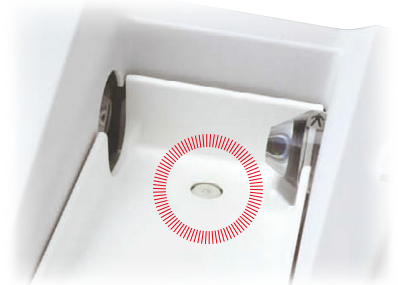
Adjustable Foot Plate (5 levels)

Adjustable Foot Plate accommodates a wide range of foot sizes to enable precise measurement.



Heel Temperature Sensor

Ultrasound measurement can be affected by body temperature. The sensor corrects temperature for accurate measurement.



Bluetooth®

Wireless connectivity via Bluetooth® enables you to broaden the operational flexibility of patient data management.

Data storage function

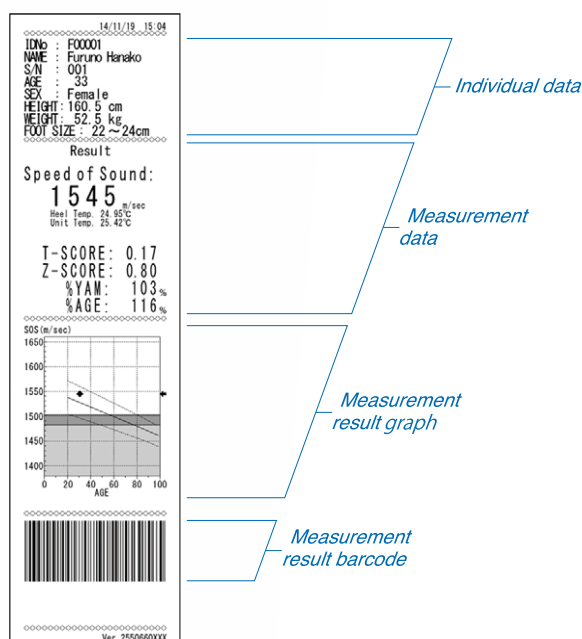
CM-300 can store up to 12,000 measurement results.

Easy-to-operate

Only 3-10 seconds per measurement.



PRINTED RESULT

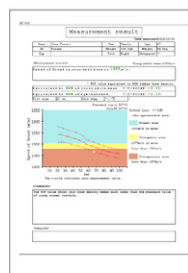
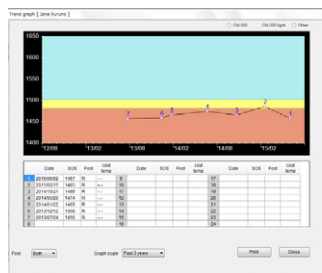
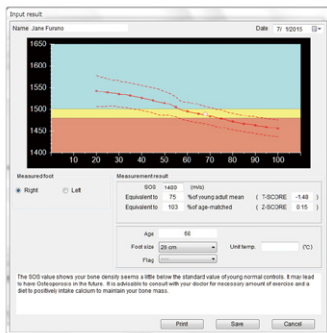


SPECIFICATIONS

Measurement Site	Calcaneus (Heel bone)	
Measurement Method	Ultrasound Pulse Penetration	
Measuring Parameter	SOS (Speed of Sound)	
Measurement Time	3-10 seconds	
Measurement Precision	%CV : 0.5% or better (In test cases measurement)	
Result Display	SOS, T-score, Z-score, %YAM, %AGE Measurement result with graphic display	
Measurement Type	Dry type (acoustic gel)	
Environmental Condition	Operation	Temperature : 10 to 35°C Humidity : 30 to 85%RH (non condensing)
	Storage Transportation	Temperature : -10 to 50°C Humidity : 30 to 85%RH (non condensing)
Power Supply Voltage	100-120V / 0.6A 200-240V / 0.3A	
Power Frequency	50 Hz or 60 Hz	
Dimensions	W525 mm x D310 mm x H200 mm	
Weight	Approx. 10kg	
External Interface	USB, Bluetooth®	

Utility Software

Utility software for CM-300 data management provided standard.



Consumable Goods

Acoustic Gel

Thermal Printer Paper

Feasible operations are as follows:

- measurement operation
- accuracy management
- coordination with host system
- patient identification by magnetic card reader / barcode reader (Code128 CodeC FNC1)
- data management of patient information and measurement results

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