

**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.





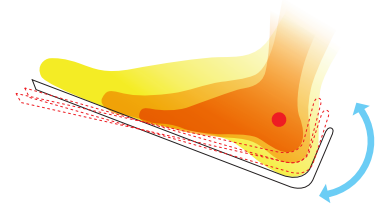
## Features of CM-300

### Touch screen with Color LCD

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

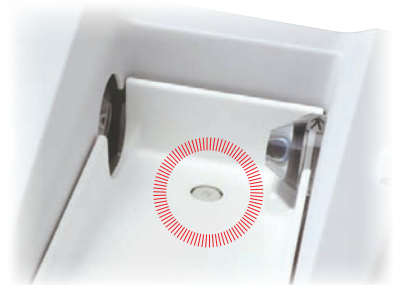
### Adjustable Foot Plate (5 levels)

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

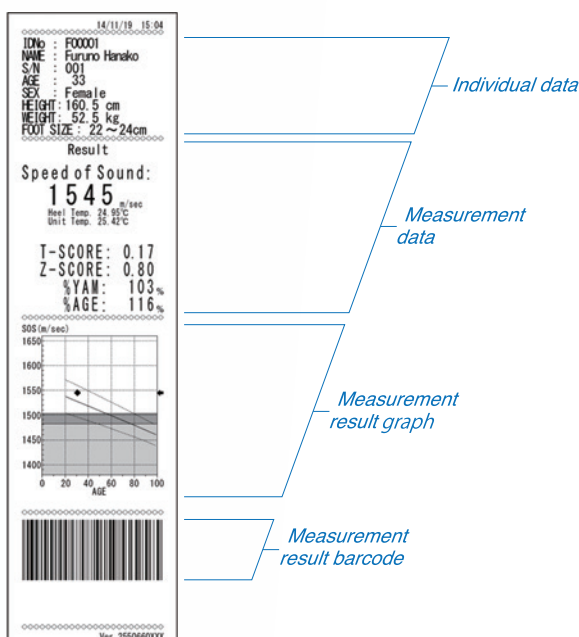


### Heel Temperature Sensor

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



## PRINTED RESULT



### Bluetooth® wireless technology

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.

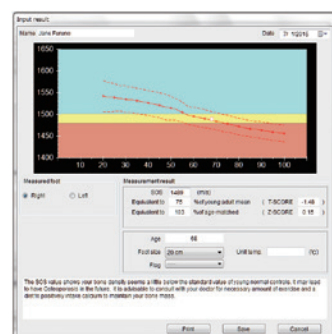


## SPECIFICATIONS

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℃ Humidity : 35 to 85%RH (non condensing)
	Storage Transportation	Temperature : -10 to 50℃ 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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