

**FURUNO**

**CM-200** light  
Ultrasound Bone Densitometer



# Highly Accurate Measurement. Easy and Sho

CM-200 light (Ultrasound Bone Densitometer) measures human bone density by using ultrasound technology.

With non-invasive nature of ultrasound and easy-to-use interface operation, CM-200 light is most suitable for screening test for osteoporosis.

## High Accuracy

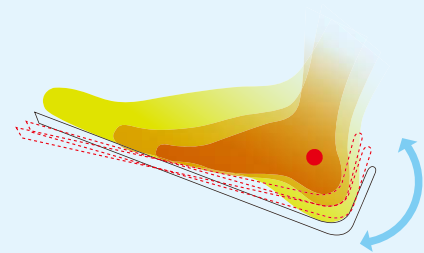
### Heel Temperature Sensor (option)

The measurement result tends to vary depending on heel temperature. CM-200 light provides highly accurate measurement by temperature correction with the heel temperature sensor.



### Adjustment of Measurement Site

To measure the center of the heel bone and enable precise measurements, the footplate has 5 adjustable levels.



## Data Management by Utility Software

Dedicated utility software for data management is available with the CM-200 light. Connecting the CM-200 light to a PC with the utility software installed not only enables data management, but also enables accuracy control and registration of patient information.



## Bluetooth® Connectivity (option)

Wireless connectivity with the device and PC is available with Bluetooth®. You will be free from a complicated wiring, and broadens the possibilities of installation space or operational flexibility.



\* The software associated with Windows® tablet is currently under development

# Short Time Operation. Portable Compact Design.

## Portable Compact Design

CM-200 light is easy to carry (weight: approx. 9kg, W495 x D310 x H200 mm) and can be used in any area. Most suitable for group or mobile screening for osteoporosis.

## Easy to Use

Simple step for measurement and procedure display of accuracy management enables easy-to-use interface for everyone.

## Short Time Operation

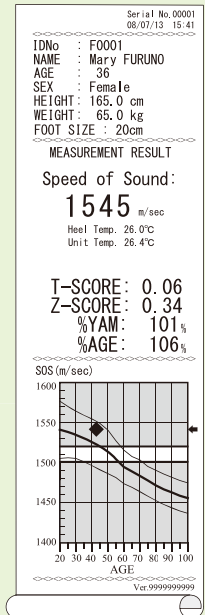
Easy-to-operate, and only 3-10 seconds for the measurement.

## OPERATION PROCEDURE

- 01 Input patient information.
- 02 Adjust the foot plate to foot size of patient by using the foot size dial.
- 03 Apply the acoustic gel to both sides of the probe.
- 04 Wipe the measurement site (heel) with an alcohol swab. Then place the foot on the foot plate, fixing it between the probes.
- 05 Press the measurement start button. The measurement takes 3-10 seconds.



## 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, Bone age, Measurement result with graphic display	
Measurement Type	Dry type (acoustic gel)	
Environmental Condition	Operation	Temperature : 10 to 35°C Humidity : 35 to 85%RH (non condensing)
	Storage Transportation	Temperature : -10 to 50°C Humidity : 30 to 85%RH (non condensing)
Power Supply Voltage / Consumption Current	100-120V / max 0.6A 200-240V / max 0.3A	
Power Frequency	50 Hz or 60 Hz	
Dimensions	W495mm x D310mm x H200mm	
Weight	Approx. 9kg	
External Interface	USB,* Bluetooth® (option)	

\* USB cannot be used for any purpose other than connection of utility software.

## Optional Feature

Operating Panel
Printer
Bluetooth®
Heel Temperature Sensor

## Consumable Goods

Acoustic Gel
Printer Roll Paper

\* In case of installation of optional printer.



## Utility Software

Utility software for CM-200 light data management is available as a standard accessory.

Feasible operation are as follows.

- measurement operation
- accuracy management
- data management of patient information and measurement result



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