Specifications

Displayed Temperature Range	20.0 ℃ to 42.2 ℃
Display Resolution	0.1 ℃
Operating Temperature Range	10 ℃ to 40 ℃
Measurement Time	≤ 2s
Accuracy	±0.2 ℃ in measurement range 35.0 ℃ to 42.2 ℃ at an operating temperature range of 16 ℃ to 40 ℃; ±0.3 ℃ for temperatures outside the range
Memory	Up to 20 readings can be viewed
Timer	60 seconds
Interface	1 power input and communication interface
NFC	Near Field Communication for transmitting readings
Battery	Rechargeable lithium-ion battery, 3200mAh
Battery life	≥ 4500 measurements on a single charge
Automatic Standby Mode	10 seconds if no operation is detected
Cradle Options	Cradle with link, Cradle independent
Display Type	1.3 inch Segment LCD
Weight	160g
Dimensions	151mm x 36mm x 39 mm

Ordering Information

TrueTymp Kit	
120-023000-00	MR TrueTymp ear therm kit with link (CE)
120-023164-00	MR TrueTymp therm kit independent (EUR)
120-023001-00	MR TrueTymp therm kit independent (GBR)
Accessories	
040-006890-00	MR TrueTymp ear therm cover, 200pcs
040-007149-00	MR TrueTymp thermometer security tether



TrueTymp kit with link



TrueTymp kit independent



TrueTymp Disposable Probe Covers

www.mindray.com

P/N:ENG-TrueTymp-210285X4P-20260825

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healthcare within reach

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TrueTymp™

Ear Thermometer

Simple and Reliable





Being noninvasive, hygienic, quick, and easy to use, an ear thermometer is an excellent device to measure the temperature of the eardrum through an infrared sensor, providing an accurate measurement of the patient's body temperature.



1.3-inch LCD screen to easily capture the readings at a glance

Adjustable temperature readout in Celsius or Fahrenheit

Internal memory up to 20 readings

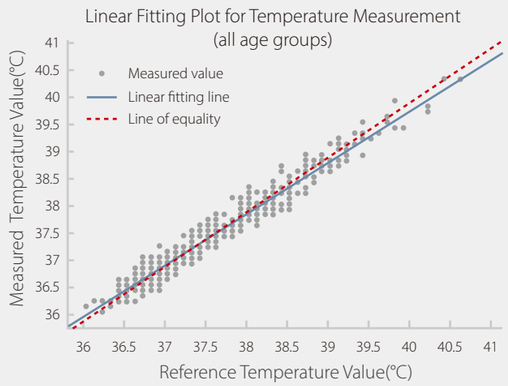
Timer to count respiration and pulse rate

Sustained accuracy provides trustworthy experience

Mindray TrueTymp™ Ear Thermometer delivers accurate readings with high precision and consistency, providing reliable and trustworthy service to patients.
For patients with different ages or different body temperatures, the measurement deviation is less than 0.1℃.
The accuracy of Mindray TrueTymp™ Ear Thermometer under all operating conditions is fully proved.

Statistical results of measurements by age group

	Clinical bias	Clinical repeatability
Over 5 years old	-0.01	0.1
1-5 years old	-0.09	0.12
3 months-1 year old	-0.02	0.11
0-3 months	0.03	0.08
all ages	-0.03	0.1



Meet the standard of ISO 80601-2-56.

Enhanced usability maximizes your efficiency

Since measuring temperature is a routine practice in most clinical environments, being efficient and getting tasks done quickly is certainly important.
TrueTymp™ is well-designed with features that speed up the temperature measurement process and optimize the experience of both caregivers and patients.



Pick up & Attach cover

Just fit in a single hand
Lock the cover into position with a tidy click



Take temperature & Dispose cover

Readings available in 2s
Eject the probe cover into the bin without touching



Place back & Transmit data

Automatically transmits data and recharges battery
NFC function to transmit readings to devices: EP30/D60

Durable and dependable for enhanced workflow

A low battery, an accidental drop, a jammed button or a specific disinfectant - all of these may bother you when measuring patients' temperature.
Thanks to TrueTymp™ automatic charge battery, refined materials and good design, you no longer have to worry before and after each use.

- Automatic charging and 4500 measurements on a single charge
- Resistant to 46 disinfectants
- 1 meter drop protection
- Eject button is verified with 200000 tests
- Expected lifetime is 5 years

Comfortable probe covers for better patient outcomes

- Appropriate size and material ensure accuracy
- Prevents the risk of cross-contamination
- Eliminates impact of earwax residue
- Easy to attach or dispose

