

# LTM-100

## LTM-100 Water Proof, Handheld Infrared Thermometer

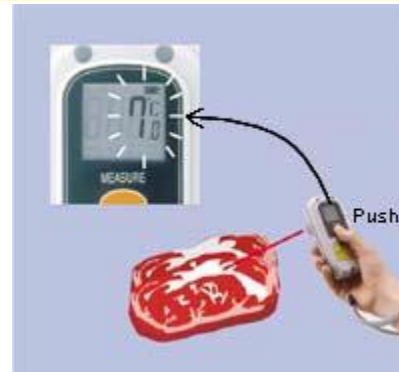
LTM-100 can measure a surface temperature easily from a remote place. This infrared sensor is ideal for applications where contact may cause contamination, the operator may be at risk due to high temperature, or when an object is in motion.



### Water Proof



### High Response



You can measure temperature in about 1 second after pushing MEASURE key. During holding down the MEASURE key, measuring continues.

### Simple Operation

Small, Light-Weight



So compact it fits into a pocket!

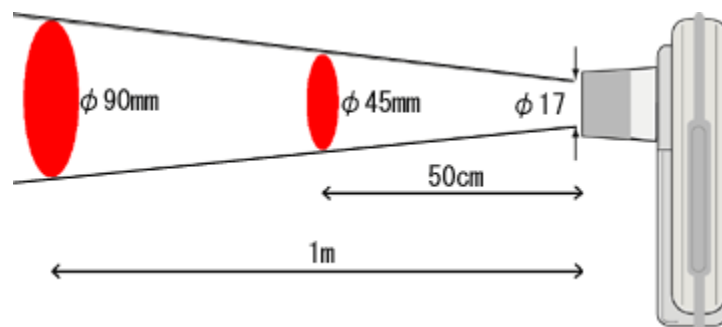
### Part Names



Measuring Range	-40 to 300°C
Operating Temperature	0 to 50°C
Operating Humidity	90% rH and below (no condensation)

Measuring Accuracy	When the ambient temperature is $25\pm 2^{\circ}\text{C}$ and the emissivity is 1, 0 to $300^{\circ}\text{C}$ : bigger value of either of $\pm 1\%$ of the measured value $\pm 1$ digit or $\pm(2\text{□}\check{Z}+1$ digit) $-30$ to $0^{\circ}\text{C}$ : $\pm 3^{\circ}\text{C} \pm 1$ digit below $-30^{\circ}\text{C}$ : $\pm 5^{\circ}\text{C} \pm 1$ digit
Repeatability	within $1^{\circ}\text{C} \pm 1$ digit
Response	1sec (90% response)
Collimation	Laser beam (650nm 1mW JIS class2) specifies the center.
Display	Reflecting type LCD
Display Resolution	$0.5^{\circ}\text{C}$ . $1^{\circ}\text{C}$ for below . $20^{\circ}\text{C}$ and over $100^{\circ}\text{C}$ .
Emissivity Settings	Before shipment: 0.95. The value can be altered between 0.8 and 1.0 with the slide switch at the lower part of the battery compartment (by 0.05 steps).
Auto Power Off	If no key is pressed for 30 seconds, the power is shut off automatically.
Water -Proof Property	IP67
Approved Standard	CE marking : EMI EN61326 ClassB ,EMS EN61326 Annex C Stability : $\pm 5.0^{\circ}\text{C}$ under EMC test environment at $25^{\circ}\text{C}$
Housing material	ABS (antibacterial)
Weight	Approx. 123g
Battery	2 AAA alkali cell batteries ( Battery Life : Approximately 10 hours for continuous use )

### Measuring Diameter



**External Dimensions (Unit : mm )**

