

Quality and reliability is our tradition.



ISO 9001/EN 29001/BS 5750
APPROVED BY BVQI

NEW

Waterproof handheld Infrared Thermometer

Measures temperature in one second without any contact.



5510 can measure surface temperature easily without any contact. It is possible to measure, checking the target spot measured with a laser beam. Widely applicable for temperature management in a variety of fields, such as air-conditioning, maintenance of electric equipment, research and development, etc.

- Safe even if getting wet. Dustproof and waterproof structure of IP67.
- Possible to wash
- Please feel secure to use the product in the field because of ABS resin of antibacterial specification.
- Shock proof structure: No damage even if dropped from the height of 1m.
- With auto power off function, preventing consumption of the battery
- Wide Temperature Range of - 40 to 300
- Small and light: Possible to measure easily by one hand.
- Portable type: Convenient to carry

Waterproof handheld Infrared Thermometer

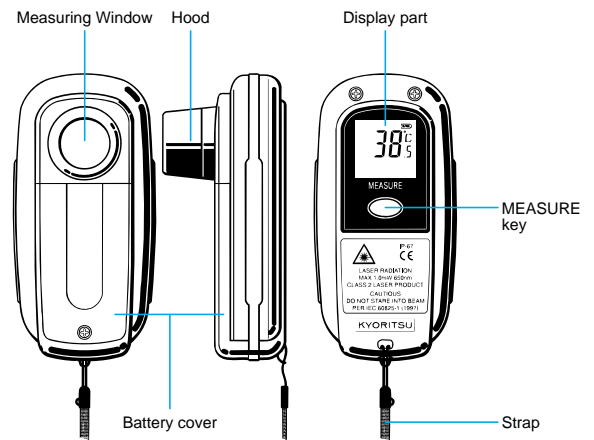
MODEL 5510

Waterproof handheld Infrared Thermometer MODEL5510

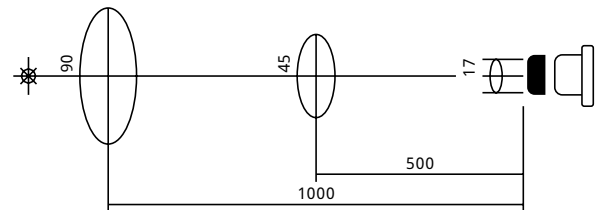
Specifications

Type	MODEL 5510
Measuring Range	- 40 to 300
Display Resolution	0.5 . 1 for below - 20 and over 100
Measuring Accuracy	When the ambient temperature is 25 ± 2 and the emissivity () is 1, 0 to 300 : bigger value of either of $\pm 1\%$ of the measured value ± 1 dgt or $\pm 2 \pm 1$ dgt. 0 to -30 : $\pm 3 \pm 1$ dgt below -30 : $\pm 5 \pm 1$ dgt
Repeatability	within 1 ± 1 dgt
Response	1 sec(90% response)
Measuring Diameter	(45mm/500mm(Optical sensitivity: 90%)
Collimation	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) Laser beam(650nm 1mW JIS class2)specifies the center.
Water-Proof Property	IP67
Auto Power Off	If no key is pressed for 30 seconds, the power is shut off automatically.
Shock Proof Property	This instrument or its function/performance will not be damaged even if it is dropped on the p tile floor from 1 meter high.
Operating Temperature	0 to 50
Operating Humidity	90% RH and below(no condensation)
Storage Temperature	20 to 55 (no condensation) Note) In the case of long-term storage, the batteries should be removed.
Battery	2 AAA alkali cell batteries
Battery Life	Approximately 10 hours for continuous use
Housing material	ABS(antibacterial)
Dimension	120 x 60 x 54mm(Maximum value for each direction)
Weight	Approx. 123g
Accessories	2 AAA alkaline cell batteries, instruction manual, strap
Approved Standard	CE marking:EMI EN61326 Class B, EMS EN61326 Annex C Stability: ± 5 under EMC test environment at 25

Instrument Layout



Relation of Distance and Measuring Diameter



Caution

5510 is one of the portable, laser applied instruments which are regulated by the consumer product safety law.
Do not look into the laser beam.
Do not aim the laser beam at human beings.
Keep the instrument out of children's reach.



Portable Infrared Thermometer

MODEL5500



Features

Simple temperature measurement from -40 to 500 .
Laser sight pinpoints measured spots.
Automatic-backlight LCD display at dark places by a brightness sensor.
Palm size, lightweight 180g only.
Automatic power off for saving battery life.
Maximum or minimum temperature display.
Audible buzzer high alarm standard.
Emissivity adjustable from 0.30 to 1.90 in 0.01 steps.

Optional Accessory

Model 8085 Black Body Tape
Emissivity 0.94
Temperature Range: 0 to 300
Size: 200 x 220mm



CAUTION

Please do not aim or direct laser toward faces.
On measurement of targets like as glossy metal, be careful with influences by the reflection from it.



Safety Warnings

Please read the " Safety Warnings " in the instruction manual supplied with the instrument thoroughly and completely for correct use.
Failure to follow the safety rules can cause fire, trouble, electrical shock, etc.
Therefore, make sure to operate the instrument on a correct power supply and voltage rating marked on each instrument.

※The contents of this catalogue may be subject to change without notice.

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