Packaging S Shrink package   B Box   VH Vinyl package + header card   V Vinyl package   C Clear package
SP Sleeve package   B Bag   BC Bag + header card   C Card   ⬚ No package

Infrared Thermometer

PSC compatible product

Do not stare into beam
Maximum Output 1 mW
Wavelength 635 - 660 nm
Class 2 Laser Product JIS C6802: 2014

D:S 12:1
ENERGY SAVING Auto power off
VISIBLE Laser point
MEASURING RANGE −60 - 500℃
Emissivity Fixed type
LCD Back light

73010

φ2.9 mm

Probe length: 110 mm

D:S 2.5:1
ENERGY SAVING Auto power off
CENTER TEMP With probe
MEASURING RANGE −33 - 220℃
Emissivity Adjustable type
HOLD & LOCK HOLD mode LOCK mode
RESISTANCE IP54
MODE Max Temp Min Temp

73017

S (Spot)   D (Distance)
D (Distance) : S (Spot) = 12:1
Example: 36 cm distance to the object being measured → 3 cm spot
6 m distance to the object being measured → 50 cm spot
＊Measuring range minimum diameter: 20 mm

S (Spot)   D (Distance)
D (Distance) : S (Spot) = 2.5:1
Example: 5 cm distance to the object being measured → 2 cm spot
1 m distance to the object being measured → 40 cm spot
＊Measuring range minimum diameter: 10 mm

D:S 1:1
ENERGY SAVING Auto power off (Without clock function)
Function Clock Stopwatch
MEASURING RANGE −55 - 220℃
Emissivity Adjustable type
HOLD & LOCK HOLD mode LOCK mode
MODE Max Temp Min Temp Room thermometer

73009

D (Distance)
S (Spot)
D (Distance) : S (Spot) = 1:1
Example: 10 cm distance to the object being measured → 10 cm spot
＊Measuring range minimum diameter: 8 mm

D:S 5:1
ENERGY SAVING Auto power off (Without clock function)
Function Clock Stopwatch
MEASURING RANGE −55 - 250℃
Emissivity Adjustable type
HOLD & LOCK HOLD mode LOCK mode
MODE Max Temp Min Temp Room thermometer

73015

D (Distance) : S (Spot) = 5:1
S (Spot)   D (Distance)
Example: 10 cm distance to the object being measured → 2 cm spot
＊Measuring range minimum diameter: 8 mm

D:S 1:1
ENERGY SAVING Auto power off
MEASURING RANGE −33 - 180℃
RESISTANCE IP67

73039

D (Distance)
S (Spot)
D (Distance) : S (Spot) = 1:1
Example: 10 cm distance to the object being measured → 10 cm spot
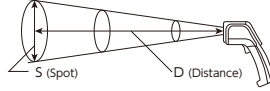＊Measuring range minimum diameter: 5.7 mm

Features

● Non-contact operation makes it safe and sanitary
● Auto power off function
　＊Only when clock function is not set for 73009/73015.
■ B
　● Laser helps to find the measuring point at a glance
　　＊Center of the measuring range diameter is approximately 2 cm above the laser point.
　● Backlight function
■ D
　● Two Measuring Methods: Non-contact (infrared), and contact (probe)
　● IP54 dust and water proof
■ A/A-2
　● Portable, ultra-compact size
　● Continuous measuring mode enables temperature to be displayed in a series
　● Min/Max measuring mode displays the lowest and highest temperature while the key is pressed
　● Adjustable emissivity
　● With strap
■ F-2
　● Portable, compact size
　● With clip for convenient carrying around
　● IP67 dust and water proof

Use

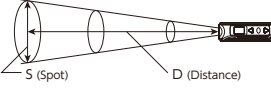● For various temperature measurements (Cannot be used to measure body temperature).

Specifications

Item Code	73010	73017	73009
Accuracy	0 - 500℃: ±2% or ±2℃ (higher value) −60 - 0℃: ±(−2℃+(displayed value X 0.05))℃	radiation ±2% or ±2℃ (higher value) Probe 65℃ up: ±1% −5 - 65℃: ±0.5℃ −5℃ or less: ±1℃	±2% or ±2℃ (higher value)
Measuring Range	−60 - 500℃	−33 - 220℃	−55 - 220℃
Resolution	−9.9 - 199.9℃: 0.1℃　Other values: 1℃		
Measuring Interval	1 sec		
Measurment Wavelength	8 - 14 μm		
Operating Temperature	0 - 50℃		
Emissivity	0.95 (fixed)	Adjustable 0.1 - 1 (default as 0.95)	Adjustable 0.05 - 1 (default as 0.95)
Auto Power Off	15 seconds after stopped operation (only when clock function is not set for 73009)		
Battery Life	14 hours (continuous use)	40 hours (continuous use)	
Power Source	2x AAA alkaline batteries	1x lithium battery CR2450	1x lithium battery CR2032
	(Batteries included are for trial use only and may not last as long)		
Laser Wavelength	635 - 660 nm	—	—
Output	1 mW or less (Class 2 JIS C6802:2014)	—	—
Dust/Waterproof	—	IP54*1	—
Material	Body: ABS resin		

Item Code	73015	73039
Accuracy	[Infrared thermometer] −55 - 0℃: ±(−2+0.05×displayed value)℃ Above 0℃: ±2% or ±2℃ (whichever is greater) (Indoor temperature display) ±1.5℃:	−33 - 0℃: ±(−2.5+0.05 × displayed value)℃ 0℃ or more: ±2.5% or ±2.5℃ (higher value)
Measuring Range	Infrared thermometer: −55 - 250℃ Indoor temperature display: −10 - 50℃	−33 - 180℃
Resolution	(Temperature) −9.9 to 199.9 ℃: 0.1 ℃ Other: 1 ℃ (Stopwatch) Up to 29 min., 59.99 sec.: 0.01 sec. 30 min. and after: 0.1 sec.	−9.9 - 180℃: 0.2℃ Other values: 1℃
Measuring Interval	1 sec	
Measurment Wavelength	8 - 14 μm	
Operating Temperature	−10 - 50℃	0 - 50℃
Emissivity	Adjustable 0.05 - 1 (default as 0.95)	0.95 (fixed)
Auto Power Off	15 seconds after stopped operation (only when clock function is not set for 73015)	
Battery Life	40 hours (continuous use)	30 hours (continuous use)
Power Source	1x lithium battery CR2032	2x alkaline batteries LR44
	(Batteries included are for trial use only and may not last as long)	
Dust/Waterproof		IP67*2
Material	Body, Battery cover: ABS resin Button: Silicone rubber	Body cover: Vinyl chloride resin, Polyethylene resin Body, Cap: ABS resin

*1 Dustproof: A small amount of dust that has penetrated inside will not hinder normal operation. Waterproof: It will not be harmfully affected by a splash of water from any direction.
*2 Dustproof: Dust will not penetrate. Waterproof: Water will not penetrate if temporarily (within 30 minutes) submerged in water up to 1 meter.

Item Code	Description			Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
73010	B with Laser Pointer	⬚	CAL	185×46×143	240	4 960910 730106	2	
73017	D Dust/Waterproof Emissivity Adjustable Model with Probe	⬚	CAL	165×20×46	92	4 960910 730175		
73009	A Emissivity Adjustable Model with Clock Function	⬚	CAL	68×37×18	31	4 960910 730090		SP
73015	A-2 Mini Emissivity Adjustable Model with Clock and Room Temperature Display	⬚	CAL	75×42×20	30	4 960910 730151	5	
73039	F-2 Dust/Waterproof Slim with Clip	⬚	CAL	85×24×18	25	4 960910 730397		

NEW New catalog items   En English package   Red With red numbers   12 Japanese zodiac signs   cm/shaku cm/shaku (Upper side (or Front) metric/ Lower side (or Back) shaku)   shaku/cm shaku/cm (Upper side (or Front) shaku/ Lower side (or Back) metric)   With magnet
⊘ With non-slip pad   ⬚ With battery   Lithium-ion battery (LI-ION)   Vial with luminous sheet   With groove for slider   CAL Optional JCSS certificate   CAL Optional general calibration certificate