

16. Thermometers/ Hygrometers/ Hourglasses



Packaging **S** Shrink package **B** Box **V** Vinyl package + header card **C** Card **□** No package
⊙ Sleeve package **⊠** Bag **□** Clear package **V** Vinyl package

Thermo/Hygrometer



70494



70497



70498



72591



72605



72691



72669

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	packaging
70494	Q-1 15 cm Blue	φ167×35	180	4 960910 704947	5	SP
70495	Q-1 15 cm Gray	φ167×35	180	4 960910 704954	5	SP
70496	Q-2 10 cm Blue	φ120×33	95	4 960910 704961	5	SP
70497	Q-2 10 cm Gray	φ120×33	95	4 960910 704978	5	SP
70498	Q-3 6.5 cm Blue	φ88×26	50	4 960910 704985	5	SP
70499	Q-3 6.5 cm Gray	φ88×26	50	4 960910 704992	5	SP
72591	F 15 cm	φ156×30	140	4 960910 725911	5	SP
72605	G 15 cm	φ156×30	140	4 960910 726055	5	SP
72691	U-1 10 cm	φ106×30	70	4 960910 726918	5	SP
72669	U-3 6.5 cm	φ71×21	30	4 960910 726697	5	SP

Features

- Measures both temperature and humidity for health management and energy saving
- Variety of sizes available from large easy-reading displays to small sizes for tight places

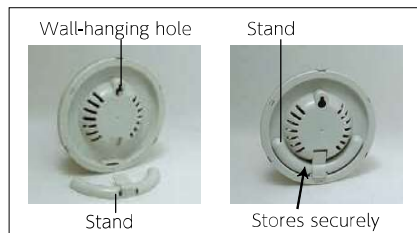
Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

	70494	70495	70496	70497	70498	70499
Accuracy	Temperature: -20 - 40°C ±2°C Other values: ±4°C					
	Humidity: 35 - 75% ±5% Other values: ±10%					
Measuring Range	Temperature: -30 - 50°C					
	Humidity: 10 - 90%					
Each Graduation	Temperature: 2°C					
	Humidity: 5%					
Material	Body, Scale Plate Cover: Polystyrene resin					
	Scale Plate: Iron Pointer: Aluminum					
Accuracy	72591	72605	72691	72669		
	Temperature: -20 - 40°C ±2°C Other values: ±4°C					
Measuring Range	Humidity: 35 - 75% ±5% Other values: ±10%					
	Temperature: -30 - 50°C Temp: -24 - 50°C					
Each Graduation	Humidity: 10 - 100%		Humidity: 0 - 100%		Humidity: 10 - 90%	
	Temperature: 2°C					
Material	Humidity: 5%					
	Body: Polystyrene resin, ABS resin Scale Plate Cover: Polystyrene resin Scale Plate: Iron Pointer: Aluminum					

*It can be used as a wall-mounted unit by removing the stand.
(70494/70495/70496/70497/70498/70499)



JIS JIS mark **⊗** With red numbers **cm/shaku** (Upper side for Front metric/Lower side for Back shaku) **⊗** With magnet **⊗** Vial with luminous sheet **⊗** Thermometer **⊗** Double-sided tape **⊗** Letters in Japanese **⊗** With stopper **⊗** Oil **⊗** Glass lens **⊗** With edge

⊗ Japanese zodiac signs **⊗** With battery **⊗** shaku/cm (Upper side for Front shaku/Lower side for Back metric) **⊗** With non-slip pad **⊗** Thermometer/Hygrometer **⊗** Hygrometer **⊗** Vial hanging to **⊗** Letters in English **⊗** With direction arrow **⊗** With grid scale **⊗** Plastic lens

Thermo/Hygrometer for Room Conditioning



70501



70506



70514



With hook hole

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
70501	F-2L 15 cm Blue	φ156×30	142	4 960910 705012	5	
70506	F-2M 10 cm Blue	φ106×30	70	4 960910 705067		
70514	F-2S 6.5 cm Blue	φ71×21	30	4 960910 705142		

Features

- Ideal for saving energy with displays of suggested temperature and comfortable humidity



Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

	70501	70506	70514
Accuracy	Temperature: -20 - 40°C ±2°C Other values: ±4°C		Temperature: -20 - 40°C ±2°C
	Humidity: 35 - 75% ±5% Other values: ±10%		
Measuring Range	Temperature: -24 - 44°C		Temp. -20 - 40°C
	Humidity: 5 - 95%		Humidity: 10 - 90%
Each Graduation	Temperature: 2°C Humidity: 5%		
Material	Body: Polystyrene resin, ABS resin Scale Plate Cover: Polystyrene resin Scale Plate: Iron Pointer: Aluminum		

Thermo/Hygrometer for Heatstroke Warning



70505



70507



70515



With hook hole

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
70505	F-3L II 15 cm White	φ156×30	150	4 960910 705050	5	
70507	F-3M 10 cm White	φ106×30	73	4 960910 705074		
70515	F-3S 6.5 cm White	φ71×21	33	4 960910 705159		

Features

- Shows five levels of warning for heatstroke



Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

	70505	70507	70515
Accuracy	Temperature: -20 - 40°C ±2°C		
	Humidity: 35 - 75% ±5% Other values: ±10%		
Measuring Range	Temperature: -20 - 40°C		
	Humidity: 10 - 90%		
Each Graduation	Temperature: 2°C Humidity: 5%		
Material	Body: Polystyrene resin, ABS resin Scale Plate Cover: Polystyrene resin Scale Plate: Iron Pointer: Aluminum		

Thermo/Hygrometer for Environmental Safety



70503



70508



70516



With hook hole

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
70503	F-4L 15 cm Blue	φ156×30	142	4 960910 705036	5	
70508	F-4M 10 cm Blue	φ106×30	70	4 960910 705081		
70516	F-4S 6.5 cm Blue	φ71×21	30	4 960910 705166		

Features

- Shows various warnings for each temperature range, such as risk of mold or health warnings



Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

	70503	70508	70516
Accuracy	Temperature: -20 - 40°C ±2°C		
	Humidity: 35 - 75% ±5% Other values: ±10%		
Measuring Range	Temperature: -20 - 40°C		
	Humidity: 10 - 90%		
Each Graduation	Temperature: 2°C Humidity: 5%		
Material	Body: Polystyrene resin, ABS resin Scale Plate Cover: Polystyrene resin Scale Plate: Iron Pointer: Aluminum		

Thermo/Hygrometer and Discomfort Index Meter



70480

70500

What is the discomfort index?

It is calculated with temperature and humidity to measure the degree of discomfort experienced by an individual. Keeping comfortable conditions can prevent heatstroke or flu.

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
70480	R-1 Green	φ167×35	193	4 960910 704800	5	
70500	R-2 Green	φ156×30	145	4 960910 705005	5	

Features

- Shows discomfort index to help health management at home

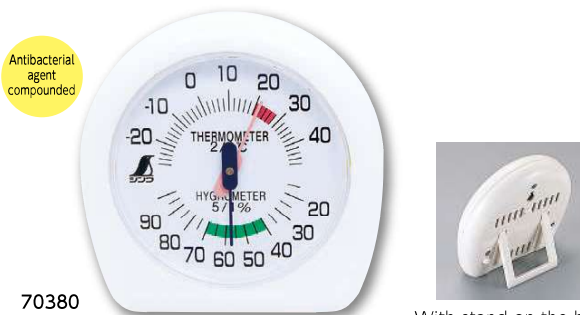
Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

	70480	70500
Accuracy	Temp.: -20 - 40°C ±2°C Other values: ±4°C	Temp.: -20 - 40°C ±2°C Other values: ±4°C
	Humidity: 35 - 75% ±5% Other values: ±10%	Humidity: 35 - 75% ±5% Other values: ±10%
	Discomfort Index: 60 - 80 ±2 Other values: ±4	Discomfort Index: 60 - 80 ±2 Other values: ±4
Measuring Range	Temperature: -30 - 50°C	Temperature: -20 - 40°C
	Humidity: 10 - 90%	Humidity: 10 - 90%
Each Graduation	Temperature: 2°C	Temperature: 2°C
	Humidity: 5%	Humidity: 5%
Material	Body: Polystyrene resin Scale Plate Cover: Polystyrene resin Scale Plate: Iron Pointer: Aluminum	Body: Polystyrene resin, ABS resin Scale Plate Cover: Polystyrene resin Scale Plate: Iron Pointer: Aluminum

Thermo/Hygrometer



70380

With stand on the back

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
70380	P-2 12 cm White	120×120×30	100	4 960910 703803	5	

Features

- Measures both temperature and humidity and displays comfortable zones in colors for health management or energy saving

Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

Accuracy	Temperature: -20 - 40°C ±2°C Other values: ±4°C
	Humidity: 35 - 75% ±5% Other values: ±10%
Measuring Range	Temperature: -28 - 48°C
	Humidity: 15 - 100%
Each Graduation	Temperature: 2°C
	Humidity: 5%
Material	Body: ABS resin (Antibacterial agent compounded) Scale Plate Cover: Polystyrene resin Pointer: Aluminum Scale Plate: Iron

Thermo/Hygrometer



70510

With hook hole

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
70510	W-1 White	165×120×20	145	4 960910 705104	5	

Features

- Thin wall-mounted type

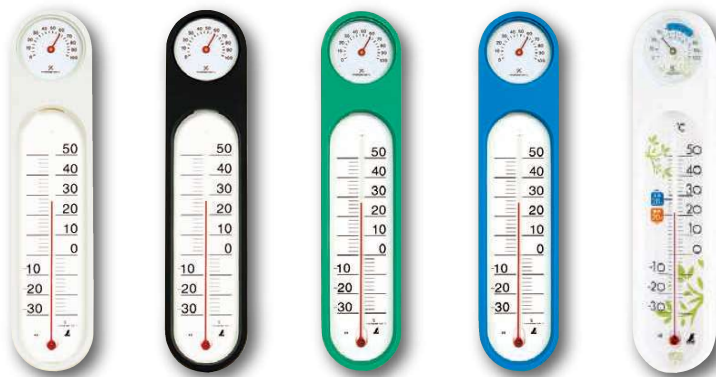
Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

Accuracy	Temperature: -20 - 40°C ±2°C Other values: ±4°C
	Humidity: 35 - 75% ±5% Other values: ±10%
Measuring Range	Temperature: -30 - 50°C
	Humidity: 0 - 100%
Each Graduation	Temperature: 2°C
	Humidity: 2%
Material	Body, Scale Plate Cover: Polystyrene resin Scale Plate: Iron Pointer: Aluminum

Thermo/Hygrometer



48927 48929 72615 48932 48975

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
48927	White and White	295×67×19	100	4 960910 489271	5	
48929	Black and White	295×67×19	100	4 960910 489295		
72615	Green	295×67×19	100	4 960910 726154		
48932	Blue	295×67×19	100	4 960910 489325		
48975	ECO White	295×67×19	100	4 960910 489752		

Features

- Measures both temperature and humidity to help health management or energy saving
- Choose from various colorful designs to match any rooms
- ECO White model also displays suggested air-conditioning temperature



Use

- For temperature and humidity control at home, in classroom, office, etc.

Specifications

Accuracy	Temperature: ±2°C
	Humidity: 35 - 75% ±5% Other values: ±10%
Measuring Range	Temperature: -30 - 50°C
	Humidity: 0 - 100%
Each Graduation	Temperature: 2°C
	Humidity: 5%
Material	Body: Polystyrene resin

Thermometer



72689



72667



72675

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72689	S-1 10 cm	φ106×30	70	4 960910 726895	5	
72667	S-3 6.5 cm	φ71×21	30	4 960910 726673		
72675	S-5 3.5 cm	φ36×14	5	4 960910 726758		

Features

- Lightweight, circular thermometer
- Easy-to-read graduations
- S-5 model comes with double-sided tape for installation

Use

- For temperature control in the home, classroom, or office, etc.

Specifications

	72689	72667	72675
Accuracy	-20 - 40°C: ±2°C Other values: ±4°C		
Measuring Range	-30 - 50°C		
Each Graduation	2°C		
Material	Body: Polystyrene resin, ABS resin Scale Plate: Iron Pointer: Aluminum	Body: Polystyrene resin Scale Plate: Iron Pointer: Aluminum	

Hygrometer



72690



72668

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72690	T-1 10 cm	φ106×30	70	4 960910 726901	5	
72668	T-3 6.5 cm	φ71×21	30	4 960910 726680		

Features

- Lightweight, circular hygrometer
- Easy-to-read graduations

Use

- For humidity control in the home, classroom, or office, etc.

Specifications

Accuracy	35 - 75%: ±5% Other values: ±10%
Measuring Range	0 - 100%
Each Graduation	2%
Material	Body: Polystyrene resin, ABS resin Scale Plate: Iron Pointer: Aluminum

Thermometer and Hygrometer Pair



72674

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72674	ST-4 4.5 cm	φ48×17	11	4 960910 726741	5	

Features

- Pair of compact thermometer and hygrometer
- Color indicates comfort zone
- Double-sided tape included for installation

Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

Accuracy	Temp.: -20 - 40°C ±2°C Other values ±4°C Humidity: 35 - 75% ±5% Other values ±10%
Measuring Range	Temperature: -30 - 70°C Humidity: 0 - 100%
Each Graduation	Temperature: 2°C Humidity: 2%
Material	Body: Polystyrene resin Scale Plate: Iron Pointer: Aluminum

Thermometer



72960

72610

72611

73012

73013

Features

- V-1
 - Insert into food to measure temperature while cooking
 - Use the holder to measure the temperature of liquid
 - 75°C stands out in red for heat sterilization of O-157 strain
- *Measurement Range: 0 - 100°C
Do not use to measure oil for deep-frying
- Rust-resistant stainless steel
- V-2
 - Insert into the ground or pots to measure soil temperature
 - Different colors for each temperature range for easy reading
 - Rust-resistant stainless steel
- V-3
 - 90 cm-long thermo-sensitive probe makes it ideal for temperature control of compost in organic farming
 - Rust-resistant stainless steel
- V-4
 - Easy-to-read, large scale face (available in white and black)
 - Rust-resistant stainless steel
 - Wide measuring range enables use in many situations

Use

- V-1
 - As a cooking thermometer to measure the temperature of food, etc.
- V-2
 - For temperature control of raising seedlings and gardening, etc.
- V-3
 - For temperature control of compost
- V-4
 - For temperature control of asphalt and soil



For measuring temperature of asphalt For measuring temperature of soil

Specifications

	72960	72610	72611	73012 73013
Accuracy	±2°C			±5°C
Measuring Range	0 - 100°C	-20 - 60°C	-20 - 100°C	0 - 200°C
Each Graduation	2°C			5°C
Material	Body: Stainless steel			

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72960	V-1 0 - 100°C φ3.5 x 13 cm	φ35×145	22	4 960910 729605	5	
72610	V-2 -20 - 60°C φ3.5 x 13 cm	φ35×140	15	4 960910 726109	10	
72611	V-3 -20 - 100°C φ6 x 90 cm	φ62×920	165	4 960910 726116	2	
73012	V-4 0 - 200°C White φ8 x 20 cm	φ83×215	111	4 960910 730120	1	
73013	V-4 0 - 200°C Black φ8 x 20 cm	φ83×215	111	4 960910 730137		

JIS JIS mark With red numbers cm/shaku (Upper side (for Front) metric / Lower side (for Back) shaku) With magnet Vial with luminous sheet Thermometer Double-sided tape Letters in Japanese With stopper Oil Glass lens With edge

Japanese zodiac signs With battery shaku/cm (Upper side (for Front) shaku / Lower side (for Back) metric) With non-slip pad Thermometer/Hygrometer Hygrometer Vial: hanging type Letters in English With direction arrow With grid scale Plastic lens

Thermometer



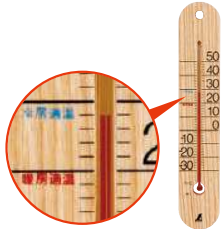
72524



72526



72590



48481



75920



72993

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72524	C	252×43×18	55	4 960910 725249	10	
72526	C-2	250×42×17	55	4 960910 725263		
72590	C-5	252×40×16	59	4 960910 725904		
48481	Wood M-023	270×50×10	90	4 960910 484818	5	
75919	Wood 45 cm	450×80×12	210	4 960910 759190	1	
75920	Wood 60 cm	600×85×12	380	4 960910 759206		
72571	Wood 90 cm	900×120×15	1,050	4 960910 725713		
72991	Aluminum 45 cm	465×80×20	320	4 960910 729919	1	
72992	Aluminum 60 cm	615×80×20	420	4 960910 729926		
72993	Aluminum 75 cm	765×80×20	520	4 960910 729933		

Features

- C/C-2
- Standard thermometer
- C-5
- Beautiful pine wood finish
- M-023
- Shows suggested air-conditioning temperatures
- Wood 45 - 90 cm/Aluminum 45 - 75 cm
- Large size and clear numbers make it easy to read even from a distance

With hook hole



Use

- For temperature control in the home, classroom, or office, etc.

Specifications

	72524	72526	72590
Accuracy	±1°C		
Measuring Range	-30 - 50°C		
Each Graduation	1°C		
Material	Body: Wood	Body: polystyrene resin	Body: Wood

	48481	75919	75920	72571
Accuracy	±2°C	±1°C		
Measuring Range	-30 - 50°C	-40 - 50°C		
Each Graduation	2°C	1°C		
Material	Body: Wood			

	72991	72992	72993
Accuracy	-29 - 50°C: ±1°C Other values: ±2°C		
Measuring Range	-40 - 50°C		
Each Graduation	1°C		
Material	Body: Aluminum		

Plastic Thermometer



48351



48357



48361

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
48351	20 cm Blue	200×43×15	38	4 960910 483514	10	
48352	20 cm Yellow	200×43×15	38	4 960910 483521		
48356	25 cm Blue	250×40×15	48	4 960910 483569		
48357	25 cm Yellow	250×40×15	48	4 960910 483576		
48361	30 cm Blue	300×60×17	86	4 960910 483613		
48362	30 cm Yellow	300×60×17	86	4 960910 483620		

Features

- Easy-to-read graduations
- Colorful design adds an accent to a room. Available in various colors and sizes.

With hook hole



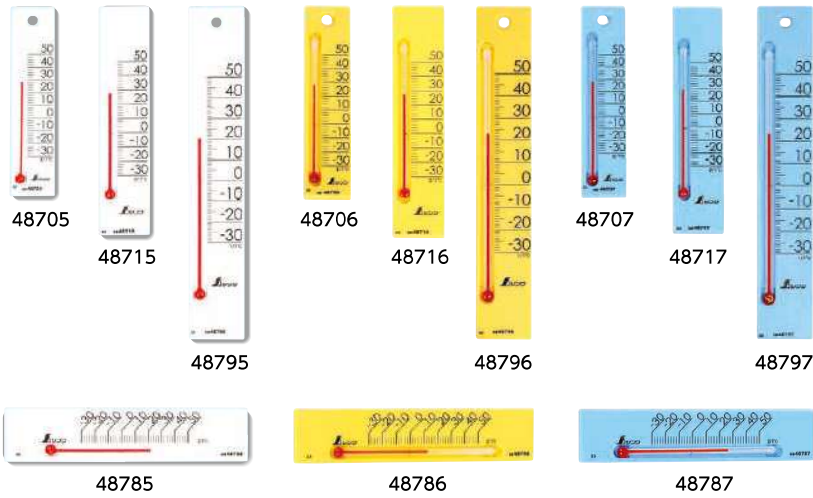
Use

- For temperature control in the home, classroom, or office, etc.

Specifications

Accuracy	±1°C
Measuring Range	-30 - 50°C
Each Graduation	1°C
Material	Body: Polystyrene resin

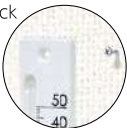
Thermometer "Petit Thermo Square"



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
48705	Vertical 12 cm White	120×28×7	13	4 960910 487055	10	
48706	Vertical 12 cm Yellow	120×28×7	13	4 960910 487062		
48707	Vertical 12 cm Blue	120×28×7	13	4 960910 487079		
48715	Vertical 13.5 cm with Magnet White	135×30×7	12	4 960910 487154		
48716	Vertical 13.5 cm with Magnet Yellow	135×30×7	12	4 960910 487161		
48717	Vertical 13.5 cm with Magnet Blue	135×30×7	12	4 960910 487178		
48785	Horizontal 13.5 cm with Magnet White	135×30×7	12	4 960910 487857		
48786	Horizontal 13.5 cm with Magnet Yellow	135×30×7	12	4 960910 487864		
48787	Horizontal 13.5 cm with Magnet Blue	135×30×7	12	4 960910 487871		
48795	Vertical 20 cm White	200×34×7	28	4 960910 487956		
48796	Vertical 20 cm Yellow	200×34×7	28	4 960910 487963		
48797	Vertical 20 cm Blue	200×34×7	28	4 960910 487970		

Features

- Small, affordable thermometer
- Choose from various colors and sizes
- Vertical 12 cm and 20 cm models come with a hook hole
- Double-sided tape on the back
- Vertical 13.5 cm and horizontal 13.5 cm have magnets



Use

- For temperature control in the home, classroom, or office, etc.

Specifications

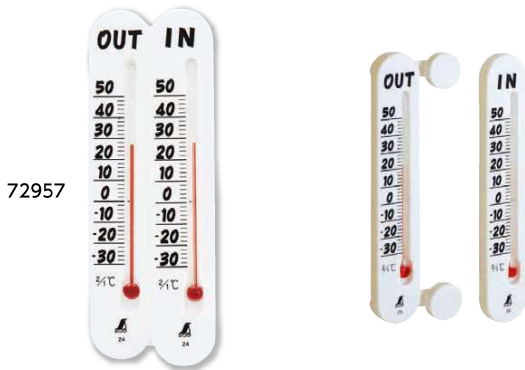
	48705	48706	48707
Accuracy	±2°C		
Measuring Range	-30 - 50°C		
Each Graduation	2°C		
Material	Body: Polystyrene resin		

	48715	48716	48717
Accuracy	±2°C		
Measuring Range	-30 - 50°C		
Each Graduation	2°C		
Material	Body: Polystyrene resin		

	48785	48786	48787
Accuracy	±2°C		
Measuring Range	-30 - 50°C		
Each Graduation	2°C		
Material	Body: Polystyrene resin		

	48795	48796	48797
Accuracy	±1°C		
Measuring Range	-30 - 50°C		
Each Graduation	1°C		
Material	Body: Polystyrene resin		

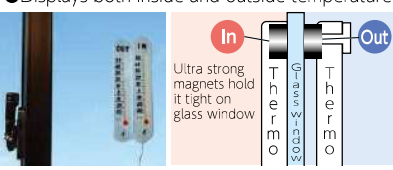
Thermometer "Petit Thermo Twin" for Outside and Inside



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
72957	Petit Thermo Twin	134×48×22	46	4 960910 729575	5	

Features

- Displays both inside and outside temperature



Ultra strong magnets hold it tight on glass window

Use

- For temperature control inside and outside

Specifications

Accuracy	±2°C
Measuring Range	-30 - 50°C
Each Graduation	2°C
Material	Body: Polystyrene resin

*Not usable on double glazing and frosted glass

JIS JIS mark With red numbers cm/shaku (Upper side for Front metric / Lower side for Back shaku) With magnet Vial with luminous sheet Thermometer Double-sided tape Letters in Japanese With stopper Oil Glass lens With edge
 Japanese zodiac signs With battery shaku/cm (Upper side for Front shaku / Lower side for Back metric) With non-slip pad Thermometer/Hygrometer Hygrometer Vial hanging to Letters in English With direction arrow With grid scale Plastic lens

Digital Thermo/Hygrometer, Thermometer Smart



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
73115	Digital Thermo/Hygrometer Smart A	103x102x18	135	4 960910 731158	5	
73116	Digital Thermometer Smart A	70x102x18	95	4 960910 731165		
73117	Digital Thermometer Smart B for Indoor and Outdoor with Waterproof Outside Sensor	70x102x18	115	4 960910 731172		
73118	Digital Thermometer Smart C Maximum and Minimum for Indoor and Outdoor with Waterproof Outside Sensor	103x102x18	150	4 960910 731189		

Features

- Bright, low-glare liquid crystal display with wide-viewing angle and clear font
- Folding stand and hole for hook to use on a wall or desk
- Flat surface model with stylish exterior. Ideal for temperature control in a space where appearance is important.
- External sensor is water-resistant for worry-free use even on a rainy day

Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

	73115	73116	73117	73118
Accuracy	Temp.: 0 - 40°C ±1°C Other values ±2°C Humidity: 40 - 80% ±10% Other values ±15%	0 - 40°C: ±1°C Other values: ±2°C		
Measuring Range	Temperature: -5 - 49°C Humidity: 30 - 95%	-5 - 50°C	Internal sensor: -5 - 50°C External sensor: -49 - 70°C	Internal sensor: -5 - 50°C External sensor: -50 - 70°C
Minimum Display	Temperature: 0.1°C Humidity: 1%	0.1°C		
Measuring Interval	20 seconds	6 seconds	10 seconds	
Power Source	1x AAA Alkaline battery (Battery included is for trial use only and may not last as long.)			
Waterproof	-		External sensor: IPX7 *	
Material	Body: ABS resin		Body: ABS resin External Sensor: Stainless steel, vinyl chloride resin	
Cord Length	-		3 m	

*Waterproof: Protected from immersion between 15 centimeters and 1 meter in depth

Digital Thermo/Hygrometer Home A



73030/73044

73048

73049

With stand



With hook hole on the back



Features

- Bright, low-glare liquid crystal display with wide-viewing angle and clear font
- Display can switch between maximum temperature/humidity and minimum temperature/humidity
- Can be used in a wide range of locations thanks to its compact and simple design that suits any interior
- Can be propped up with its folding stand, or hung on a wall with its hook hole

On the table



On the wall



Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

Accuracy	Temp.: 0 - 40°C: ±1°C Other Values: ±2.5°C Humidity: 40 - 80%: ±10% Other Values: ±15%
Measuring Range	Temp.: -5 - 49°C Humidity: 30 - 95%
Minimum Display	Temp.: 0.1°C Humidity: 1%
Measuring Interval	10 seconds
Material	Body: ABS resin
Power Source	1x AAA Alkaline battery (Battery included is for trial use only and may not last as long.)

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
73030	A Maximum and Minimum White	80x70x20	65	4 960910 730304	10	
73044	White with Clear Package	80x70x20	65	4 960910 730441		
73048	Blue with Clear Package	80x70x20	65	4 960910 730489		
73049	Green with Clear Package	80x70x20	65	4 960910 730496		

JIS JIS mark With red numbers cm/shaku (Upper side for Front metric / Lower side for Back shaku) With magnet Vial with luminous sheet Thermometer Double-sided tape Letters in Japanese With stopper Oil Glass lens With edge

Japanese zodiac signs With battery shaku/cm (Upper side for Front shaku / Lower side for Back metric) With non-slip pad Thermometer/Hygrometer Hygrometer With hanging hole Letters in English With direction arrow With grid scale Plastic lens

Carpenter's Squares
Stainless Steel Ruler / Machine Scale
Aluminum Rulers
Bein Folding Ruler / Bamboo Ruler
Squares / Protractors
Vernier Caliper / Micrometers
Tape Measures
Surveying Products
Scales
Levels
Lasers / Optical Equipment
Hilleries / Chalklines / Plumbholders
Circular Saw Guides
Construction Tools
Industrial Tools
Thermometers / Hygrometers / Environment Measuring Instruments
Outdoor Products
Magnifying Glasses
Drawing Tools
Magnets

Digital Thermo/Hygrometer



72989



72985

What is discomfort index?
 It is calculated with temperature and humidity to measure the degree of discomfort experienced by an individual. Keeping conditions comfortable can prevent heatstroke or flu.

Comfortable
Cold Hot

Based on the discomfort index, you can easily see if the current temperature and humidity are in a comfortable zone



73054



73055



73056



73057

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72989	B Maximum and Minimum with Solar Panel	155x112x23	185	4 960910 729896	5	SP
72985	C with Discomfort Index Meter	108x102x20	137	4 960910 729858	5	SP
73054	D-1 Blue	138x113x24	175	4 960910 730540	5	SP
73055	D-1 Orange	138x113x24	175	4 960910 730557	5	SP
73056	D-2 Blue	138x113x24	175	4 960910 730564	5	SP
73057	D-2 Orange	138x113x24	175	4 960910 730571	5	SP

Features

- Displays both temperature and humidity in a room
- Folding stand and hole for hook to use on a wall or desk
- B
- Displays temperature and humidity with a built-in sensor
- Records maximum and minimum temperatures and humidity for a set period of time by pushing "MAX/MIN" button. "RESET" button will reset the record.
- Solar panel reduces battery use
- C
- Displays in five levels
- D-1/D-2
- Alarm can be set for certain temperature or humidity
- Clear, easy-to-read heatstroke warning level icon
- Measures the highest/lowest temperature and humidity (73056/73057)

Use

- For temperature and humidity control in the home, classroom, or office, etc.

Specifications

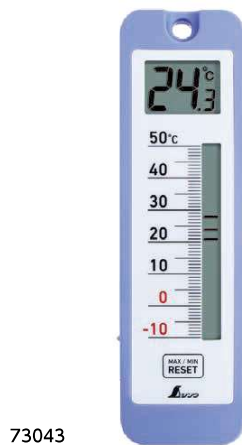
	72989	72985
Accuracy	Temperature: 0 - 40°C ±1°C Other values ±2°C	Temperature: 0 - 40°C ±1°C Other values ±2°C
Measuring Range	Humidity: 30 - 95% ±10% *The others are just for reference	Humidity: 30 - 95%
Power Source	Solar Panel/1x Lithium battery CR2032 *Solar panel - above 150 lux *battery - below 150 lux	1x AAA Alkaline battery
Material	Body: ABS resin	

	73054	73055	73056	73057
Accuracy	Temperature: 0 - 40°C ±1°C Other values ±2°C			
Measuring Range	Humidity: 30 - 80% ±5% Other values ±10%			
Measuring Interval	Temperature: -5 - 50°C			
Alarm Sound Interval	Humidity: 25 - 95%			
Alarm Volume	10 seconds			
Heatstroke Levels	1 second			
Power Source	Approx. 75 dB (10 cm apart)			
Material	5 Level Icons Attention/Caution/Severe Caution/Danger, etc.			
	2x AAA Alkaline batteries (batteries included are for trial use only and may not last as long)			
	Body: ABS resin			

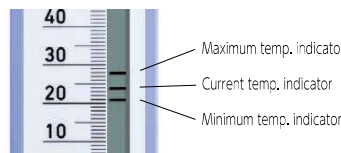
Digital Thermometer



72947



73043



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72947	E for Indoor & Outdoor	74x102x20	91	4 960910 729476	5	SP
73043	D-10 Waterproof	217x64x19	108	4 960910 730434	5	SP

Features

- E
- Easy-to-read digital display with large display height (30 mm) is simple and easy to use
- Display switches between indoor and outdoor temperature
- D-10
- Simultaneously displays digital numbers and temperature bars. Temperature bars can be used to see current temperature/maximum temperature/minimum temperature at a glance.
- Water-resistant for worry-free use even if it gets slightly wet at warehouses or greenhouses

Use

- For temperature control in the home, classroom, or office, etc.

Specifications

	72947	73043
Accuracy	0 - 40°C: ±1°C Other values: ±2.5°C	0 - 40°C: ±1°C Other values: ±2°C
Measuring Range	Inside Sensor: -5°C - 50°C Outside Sensor: -50°C - 70°C	-10 - 50°C
Minimum Display	0.1°C	Numbers: 0.1°C Single Bar Graduation: 1°C
Measurement Interval	10 sec	10 sec*1
Cord Length	About 3 m	-
Material	Body: ABS resin	Body: ABS resin LCD: Glass
Power Source	1x AAA Alkaline battery (Battery included is for trial use only and may not last as long)	
Waterproof	-	IPX4*2

*1 Numbers and bars are updated simultaneously.
 *2 Waterproof: Protected from water spray from any direction

Waterproof Digital Thermometer



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
73045	G-1 Maximum and Minimum Remote-reading	129×117×24.5	215	4 960910 730458	5	
73046	G-2 Remote-reading for 2 points	129×117×24.5	245	4 960910 730465	5	

Features

- Waterproof
- Insert into the ground to measure soil temperature (Main unit does not contain temperature sensor)
- User-friendly digital thermometer with a large display
- G-1
- Displays maximum, minimum, and current temperature together
- G-2
- Two temperature sensors enable simultaneous measurement at two separate points



Use

- For temperature control in agricultural work or at home

Specifications

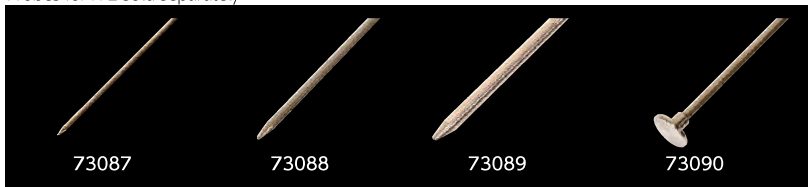
	73045	73046
Accuracy	0 - 40°C: ±1°C	Other temperature: ±2°C
Measuring Range	-50 - 90°C	
Minimum Display	0.1°C	
Operating Temperature	Main Unit: -5 - 50°C, Temperature Sensor: -50 - 90°C	
Measurement Interval	10 sec	
Material	Main Unit: ABS resin, acrylic resin Temperature Sensor: Stainless, vinyl chloride resin	
Power Source	1x AAA Alkaline battery (Battery included is for trial use only and may not last as long)	
Waterproof	Main Unit: IPX4*1 Temperature Sensor: IPX7*2	
Size	Temperature Sensor: φ5 x 50 mm Cord Length: 3 m	
Number of Cords	1	2

- *1 Waterproof: Protected from water spray from any direction
- *2 Waterproof: Protected from immersion between 15 centimeters and 1 meter in depth

Waterproof Digital Thermometer with Remote Probe



Probes for H-2 sold separately



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
73080	H-1	103×66×25	105	4 960910 730809	5	
73081	H-2	172×77×46	360	4 960910 730816	1	
73087	Remote Probe Thin Model φ2.0 x 185 mm for Digital Thermometer H-2	φ2.0×185	80	4 960910 730878	1	
73088	Remote Probe Standard Model φ3.5 x 110 mm for Digital Thermometer H-2	φ3.5×110	80	4 960910 730885	1	
73089	Remote Probe Long and Thick Model φ5.0 x 275 mm for Digital Thermometer H-2	φ5.0×275	92	4 960910 730892	1	
73090	Remote Probe Surface Model φ3.5 x 110 mm for H-2	φ3.5×110	83	4 960910 730908	1	

Features

- IPX7 waterproof (*2)
- Enables user to read temperature remotely
- Includes hold function
- H-1
- HI/LOW alarm beeps at set temperature
- Probe sensor to measure internal temperature
- Includes clip and stand for use in various settings
- Includes cap to protect tip of probe
- H-2
- Able to display maximum and minimum temperature during measurement
- Replacement probes are available for various purposes
- HI/LOW alarm beeps at set temperature
- Memory records previous 10 measured values
- Backlight function

Use

- For various uses such as cooking, facility management, or experiments, etc.

Specifications

	73080	73081
Accuracy	-20 - 150°C: ±1°C -30 - -21°C: ±2°C*1 151 - 250°C: ±2°C*1	±1°C
Measuring Range	-30 - 250°C*1	
Minimum Display	0.1°C	-19.9 - 199.9°C 0.1°C Other temperature 1°C
Operating Temperature	Temperature: 0 - 50°C Humidity: Less than 80% (no bedewing)	
Measurement Interval	1 sec	
Material	Main Unit, Cap: ABS resin Probe: Stainless steel	Main Unit, Cap: ABS resin Protecting Cover: Vinyl chloride resin Probe: Stainless steel
Auto Power Off	1 hour after operation stops	
Power Source	1x AAA Alkaline battery (Battery included is for trial use only and may not last as long)	2x AAA Alkaline batteries
Waterproof	IPX7 *2	
Size	Probe: φ3.5 x 100 mm Cord Length: 1 m	Probe: φ3.5 x 110 mm Cord Length: 1.4 m

- *1 -50 - -31°C and 251 - 300°C can be indicated but the accuracy is not guaranteed.
- *2 Waterproof: Protected from immersion between 15 centimeters and 1 meter in depth

Carpenter's Squares
Stainless Steel Rules / Machine Scale
Aluminum Rules
Resin Folding Rules / Bamboo Rules
Squares / Protractors
Vernier Calipers / Micrometers
Tape Measures
Surveying Products
Scales
Levels
Lasers / Optical Equipment
Inklines / Chalklines / Plumbholders
Circular Saw Guides
Construction Tools
Industrial Tools
Thermometers / Hygrometers / Environment Measuring Instruments
Outdoor Products
Magnifying Glasses
Drawing Tools
Magnets

Wireless Thermometer A



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
73441	Maximum and Minimum External Antenna Type with Remote Twin Probe	175×85×28 (Base Unit)	180 (Base unit)	4 960910 734418	5	
73442	Additional Remote Sensor External Antenna Type	155×86×35	220	4 960910 734425		

*Item Code 73441 is a base unit and remote sensor set. Item Code 73442 is only a remote sensor.



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
73241	Maximum and Minimum Waterproof with Remote Twin Probe	125×68×28 (Base unit)	180 (Base unit)	4 960910 732414	5	
73242	Additional Remote Sensor	110×70×35	220	4 960910 732421		

Item code 73241 is base unit and additional remote sensor set
 Item code 73242 is only the additional remote sensor

JIS JIS mark With red numbers cm/shaku (Upper side for Front metric) (Lower side for Back shaku) With magnet Vial with luminous sheet Thermometer Double-sided tape Letters in Japanese With stopper Oil Glass lens With edge
 Japanese zodiac signs With battery shaku/cm (Upper side for Front metric) (Lower side for Back metric) With non-slip pad Thermometer/Hygrometer Hygrometer Hanging to Letters in English With direction arrow With grid scale Plastic lens

Features

- Base unit can receive and check the temperature of the remote sensor that is in a remote location
- High-sensitivity type (73441/73442) with improved communication sensitivity thanks to external antenna
- Waterproof (73441/73242)
- Required operation is easy with few buttons
- Both base unit and remote sensor can measure temperature
- Individual alarms for each remote sensor can be set on the base unit
- With folding stand on the back of base unit to use on a desk

Use

- Measure temperature from a remote location

Specifications

73441/73442

	Base Unit	Remote Sensor
Accuracy	0 - 50°C: ±1°C Other temperature: ±2°C	
Measuring Range	-5 - 50°C	-40 - 90°C
Minimum Display	0.1°C	
Operating Temperature	-5 - 50°C	
Measurement Interval	1 min	
Material	Main Unit: ABS resin Display Cover: Polycarbonate resin Display: Glass	Main Unit: ABS resin Display Cover: Polycarbonate resin Display: Glass Temperature Sensor: Stainless steel, vinyl chloride resin
Power Source	4x AAA Alkaline batteries (Batteries included are for trial use only and may not last as long)	3x AAA Alkaline batteries
Battery Life	About 6 months*1	About 6 months
Waterproof	-	Main Unit: - Temperature Sensor: IPX7
Type of Radio Equipment	-	Specified low-power equipment
Radio Wave Frequency	-	313.625 MHz
Communication Distance	-	Up to 150 m (line-of-sight distance)*3
Transmission Interval	-	4 min
Size	-	Main Unit: φ 5 x 50 mm Cord Length: 3 m

- *1 Battery life can be reduced due to the sounding of the buzzer in the alarm function.
- *2 IPX7 Waterproof: Protected from immersion between 15 centimeters and 1 meter in depth
- *3 The line-of-sight distance is the maximum distance of transmission in an unobstructed environment on a straight line connecting the base unit and a remote sensor. In some cases, the distance of transmission may decline considerably due to obstructions between the base unit and the remote sensor or other structures that inhibit the radio waves.

73241/73242

	Base Unit	Remote Sensor
Accuracy	0 - 50°C: ±1°C Other temperature: ±2°C	
Measuring Range	-5 - 50°C	-40 - 90°C
Minimum Display	0.1°C	
Operating Temperature	-5 - 50°C	
Measurement Interval	1 min	
Material	Main Unit: ABS resin Display Cover: Polycarbonate resin Display: Glass	Main Unit: ABS resin Display Cover: Polycarbonate resin Display: Glass Temperature Sensor: Stainless steel, vinyl chloride resin
Power Source	4x AAA Alkaline batteries (Batteries included are for trial use only and may not last as long)	3x AAA Alkaline batteries
Battery Life	About 6 months*1	About 6 months
Waterproof*2	IPX4*3	Main Unit: IPX4*3 Temperature Sensor: IPX7*4
Type of Radio Equipment	-	Specified low-power equipment
Radio Wave Frequency	-	313.625 MHz
Communication Distance	-	Up to 150 m (line-of-sight distance)*5
Transmission Interval	-	4 min
Size	-	Main Unit: φ 5 x 50 mm Cord Length: 3 m

- *1 Battery life can be reduced due to the sounding of the buzzer in the alarm function.
- *2 Please place a cap on the jack of the temperature sensor when probe is not in use to maintain the water-resistance feature of the additional remote sensor
- *3 IPX4 Waterproof: Protected from water spray from any direction
- *4 IPX7 Waterproof: Protected from immersion between 15 centimeters and 1 meter in depth
- *5 Line-of-sight distance is the maximum distance of transmission in an unobstructed environment on a straight line connecting the base unit and a remote sensor. In some cases, the distance of transmission may decline considerably due to obstructions between the base unit and the remote sensor or other structures that inhibit the radio waves.

*Product is based on Japan domestic radio law (compatible with technical regulation conformity specification). Cannot be used outside of Japan.

Digital Thermometer for Refrigerator

73042



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
73042	A Maximum and Minimum Remote-reading	65×65×19	75	4 960910 730427	10	

Features

- Can switch between display of temperature inside and outside the refrigerator
- Displays maximum, minimum, and current temperature together
- Waterproof
- Stand magnet and hook, making it possible to install in a variety of places

Use

- For temperature measuring inside and outside refrigerator

Specifications

Accuracy	Outside Refrigerator (OUT): ±1°C for 0 - 40°C, ±2°C for the other temperature Inside Refrigerator (IN): ±1°C for -10 - 40°C, ±2°C for the other temperature
Measuring Range	Outside Refrigerator (OUT): -5 - 50°C Inside Refrigerator (IN): -50 - 70°C
Minimum Display	IN/OUT: 1°C MAX/MIN: 1°C
Cord Length	3 m
Material	Body: ABS resin, polycarbonate
Power Source	1x Alkaline battery LR44 (Battery included is for trial use only and may not last as long)
Waterproof	IPX4*1 (for both main unit and sensor)

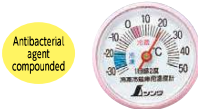
*1 IPX4 Waterproof: Protected from water spray from any direction

Thermometer for Refrigerator

Antibacterial agent compounded



72532



72703

72692



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
72532	A with Magnet	135×24×7	20	4 960910 725324	10	
72703	A-3 5 cm	φ50×20	17	4 960910 727038	5	
72692	A-4 Remote-reading with Magnet	144×41×26	70	4 960910 726925	5	

Features

- A
- Magnet and double-sided mount tape on the back
- A-3
- Measure by installing aluminum base and setting up thermometer on it. Two aluminum bases are included to position two different places such as refrigerator and freezer. Optimum range indicator sticker is included.
- A-4
- Sensor inside refrigerator measures temperature which is read on unit attached to the outside of the refrigerator (cord length: 70 cm, sensor part: 5 cm)

Use

- For measuring temperature inside of refrigerator

Specifications

	72532	72703	72692
Accuracy	±2°C		
Measuring Range	-30 - 50°C	-34 - 50°C	-40 - 50°C
Each Graduation	1°C	2°C	
Material	Body: Polystyrene resin (Antibacterial agent compounded)	Body: ABS resin (Antibacterial agent compounded) Scale Plate Cover: Polystyrene resin	Body: ABS resin Scale Plate Cover: Aluminum
Accessories	Double-sided tape	2x Aluminum bases Optimum range indicator seal	Holder

Digital Thermometer for Refrigerator T

72980



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
72980	Round-shape	φ50×20	38	4 960910 729803	10	

Features

- Magnet on the back
- Store excess cord around unit
- Position extra long cord with suction cups

Use

- For measuring temperature inside of refrigerator

Specifications

Accuracy	-10 - 30°C: ±1°C Other values: ±2.5°C
Measuring Range	-30 - 50°C
Cord Length	1.2 m
Material	Body: ABS resin
Power Source	1x Alkaline battery LR1130 (included) (Battery included is for trial use only and may not last as long)

Digital Thermometer for Cooking

72978



72979



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
72978	T-Pink	213×25×15	21	4 960910 729780	5	
72979	T-Green	213×25×25	21	4 960910 729797		

Features

- Measures temperature with ON/OFF switch operation
- Long probe helps safe measurement
- Drip-proof design

Use

- For measuring temperature of food or oil for deep frying

Specifications

Accuracy	0 - 100°C: ±1°C Other values: ±2°C
Measuring Range	-30 - 250°C
Minimum Measurement	0.1°C
Display	4 digits character height 11 mm
Material	Display, Cap: ABS resin Thermometer: Stainless steel
Power Source	1x Alkaline battery LR44 (included) (Battery included is for trial use only and may not last as long)
Auto Power Off	Approximately 30 minutes after turning on power
Accessories	Cap

Thermometer for Frying Oil



72967

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72967	Chopstick Model	φ26×350	50	4 960910 729674	10	

Features

- Specifically designed to measure oil for deep-frying. The chopstick shape allows temperature measurement while using as cooking chopsticks.
- Lightweight and non-slip aluminum, easy to clean

Use

- For measuring oil temperature when cooking fried foods

Specifications

Accuracy	±5°C
Measuring Range	100 - 200°C
Each Graduation	5°C
Material	Body: ABS resin, aluminum

Digital Thermometer for Bath



73098

Turns on with a simple bump



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
73098	B	95×75×30	55	4 960910 730984	5	

Features

- Cute thermometer that make bath time fun
- Ideal for temperature control of a baby bath with warning display function that notifies of high/low temperature

Use

- For health management and baby bath temperature control

Specifications

Accuracy	25 - 45°C: ±1°C	Other values: ±2°C
Measuring Range	0 - 50°C	
Minimum Display	1°C	
Measurement Interval	5 sec	
Power Source	1x Lithium battery CR2032 <small>(Battery included is for trial use only and may not last as long)</small>	
Auto Power Off	Approximately 1 hour after turning on power	
Material	Body: Vinyl chloride resin, ABS resin Temperature Sensor: Stainless steel	

Thermometer for Bath



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72648	B Blue	160×63×23	48	4 960910 726482	10	
72760	B Pink	160×63×23	48	4 960910 727601		
72651	B-3	φ25×215	48	4 960910 726512		
72725	B-8	125×87×23	45	4 960910 727250	5	
73051	B-9 Green and White	94×78×28	40	4 960910 730519		
73052	B-9 White and Pink	94×78×28	40	4 960910 730526		
73095	B-10 Pink	96×91×26	48	4 960910 730953		
73096	B-10 Purple	96×91×26	48	4 960910 730960		
73097	B-10 White	96×91×26	48	4 960910 730977		

Features

- Cute thermometers that make bath time fun
- Antibacterial agent compounded body keeps it clean (except for 72651)
- B-10 model has a receptacle for essential oils so the aroma can be enjoyed at bath time



*Essential oils not included

Use

- Temperature control for baby's bath
- For heat shock prevention



Specifications

	72648	72760	72651
Accuracy	±2°C		±1°C
Measuring Range	20 - 60°C		-5 - 55°C
Each Graduation	2°C		1°C
Material	Body: Polystyrene resin (Antibacterial agent compounded)		Body: Polystyrene resin Weight: lead
	72725	73051	73052
Accuracy	±2°C		
Measuring Range	20 - 50°C	10 - 50°C	
Each Graduation	2°C		
Material	Body: Polystyrene resin (Antibacterial agent compounded)		
	73095	73096	73097
Accuracy	±2°C		
Measuring Range	10 - 50°C		
Each Graduation	2°C		
Material	Body: Polypropylene resin (Antibacterial agent compounded)		

Maximum and Minimum Thermometer



72709



72715

*Mercury products will be discontinued at the end of 2020.

Features

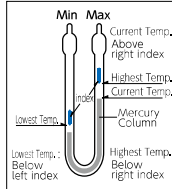
- Measures highest and lowest temperatures and current temperature at the same time

Use

- For temperature control in various situations

Specifications

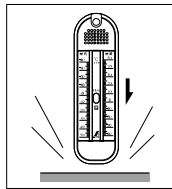
	72709	72715
Accuracy	±2°C	
Measuring Range	-40 - 50°C	
Each Graduation	1°C	2°C
Material	Body: ABS resin Thermometric Material: Mercury, creosote, alcohol	Body: Polystyrene resin



How to use

- ① Pull down the index to the mercury column by pushing the reset button.
- ② Index will be pushed up and stopped by the change in temperature.

The mercury column may split during shipping. This condition will not allow accurate measuring. Simple steps will easily restore.

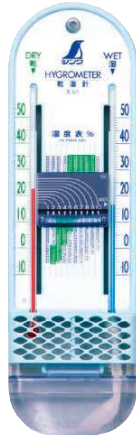


How to fix

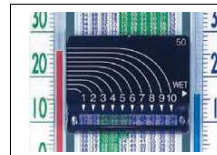
1. Turn it upside down and push the reset button. Separate the mercury column and the index as far as possible.
2. Turn the unit back and knock it lightly on a rubber plate or shake it down multiple times.

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72709	D-7	220×65×22	110	4 960910 727090	5	
72715	D-9	φ106×43	80	4 960910 727151	5	

Psychrometer



72706



How to use

- ① Move the measuring plate and match to the 16°C indication on WET side.
- ② Read off the value on the arrow which is pointed out from the 26°C indication on DRY side.

WET: 16°C → 38%
 DRY: 26°C

Features

- Two thermometers are combined to measure humidity by finding difference in temperature between the wet bulb and the dry bulb
- Special lens makes the humidity table easy to read

Use

- For humidity control at home, in classroom, and office (also shows room temperature)

Specifications

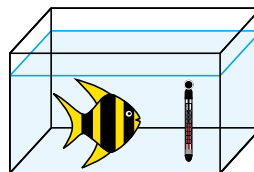
Accuracy	Temperature: ±1°C Humidity: ±10%
Measuring Range	Temperature: -10 - 50°C Humidity: 10 - 94%
Each Graduation	Temperature: 1°C Humidity: —
Material	Body: Polystyrene resin Movable Plate, Water Tank: AS resin

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72706	E-2	285×84×26	100	4 960910 727069	5	

Thermometer for Aquarium



72583



Features

- High, low, and moderate temperatures are color coded for easy reading
- Suction cap and the lead weight stabilize the thermometer so it can be read from outside the tank

Use

- For temperature control in a fish tank

Specifications

Accuracy	±1°C
Measuring Range	0 - 40°C
Each Graduation	1°C
Material	Body: Glass Weight: Lead

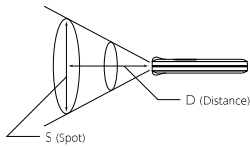
Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72583	L	φ13×150	18	4 960910 725836	10	

Infrared Thermometer



73038

D:S 1:1 **ENERGY SAVING** Auto power off **MEASURING RANGE** -33 -199°C



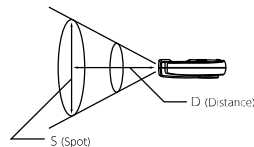
D (Distance) : S (Spot) = 1:1

Example: 10 cm distance to the object being measured → 10 cm spot
 *Measuring range minimum diameter: 7 mm



73009

D:S 1:1 **ENERGY SAVING** Auto power off **CONVERT FACTS** Clock Function Stopwatch/Function **MODE** Max Temp Min Temp Room Temperature **MEASURING RANGE** -55°C -220°C **EMISSIVITY** Changeable multi-emissivity **HOLD & LOCK** HOLD mode LOCK mode



D (Distance) : S (Spot) = 1:1

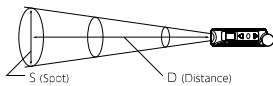
Example: 10 cm distance to the object being measured → 10 cm spot
 *Measuring range minimum diameter: 8 mm

With stand
 Clock function
 *Displays the room temperature during the clock mode



73017

D:S 2.5:1 **ENERGY SAVING** Auto power off **CENTER TEMP** With probe **MEASURING RANGE** -33 -220°C **EMISSIVITY** Changeable multi-emissivity **HOLD & LOCK** HOLD mode LOCK mode **RESISTANCE** IP54 **MODE** Min Temp Max Temp



D (Distance) : S (Spot) = 2.5:1

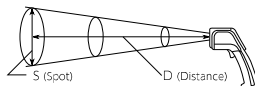
Example: 5 cm distance to the object being measured → 2 cm spot
 1 m distance to the object being measured → 40 cm spot
 *Measuring range minimum diameter: 10 mm



73010

Do not stare into beam
 Maximum Output: 1 mW
 Wavelength: 635 - 660 nm
 Class 2 Laser Product, IEC 60825-2014

D:S 12:1 **ENERGY SAVING** Auto power off **VISIBLE** Laser point **MEASURING RANGE** -60 -500°C **IN A DARK** Back light



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

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
73038	F	91×36×15	31	4 960910 730380	5	SP
73009	A Emissivity Adjustable Model with Clock Function	68×37×18	31	4 960910 730090	5	
73017	D Emissivity Adjustable Model with Probe	165×20×46	92	4 960910 730175	2	
73010	B with Laser Pointer	185×46×143	240	4 960910 730106	2	

Features

- Non-contact operation makes it safe and sanitary
- F
- Portable, compact size
- Measure quickly with simple design
- A
- Infrared thermometer to measure temperature without touching
- 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
- D
- Two Measuring Methods: Non-contact (infrared), and contact (probe)
- Infrared
 Able to safely measure a high-temperature object such as an engine or motor
 *Adjustable emissivity according to the object to be measured
- Probe
 Check cooked meat with the probe to see if the temperature reaches the point that kills E. coli
- IP54 dust and water proof
 5 Dustproof: Protected from limited dust ingress
 4 Waterproof: Protected from water spray from any direction
- B
- Laser helps to find the measuring point at a glance
 * Center of the measuring range diameter is approximately 2 cm from the laser point.
- Backlight function



Use

- For various temperature measurements

Specifications

	73038	73009
Accuracy	0°C or more: ±2.5% or ±2.5°C (higher value) -33 - 0°C: ±2.5°C+(displayed value×0.05)°C	±2% or ±2°C (higher value)
Measuring Range	-33 - 199°C	-55 - 220°C
Resolution	-9.9 - 199.9°C: 0.5°C Other values: 1°C	-9.9 - 199.9°C: 0.1°C Other values: 1°C
Measuring Interval	1 sec	
Measurement Wavelength	8 - 14 μm	
Operating Temperature	0 - 50°C	
Emissivity	0.95 (fixed)	Adjustable 0.05 - 1 (default as 0.95)
Auto Power Off	15 seconds after stopped operation	
Battery Life	40 hours (continuous use)	
Power Source	1x Lithium battery CR2032 (Batteries included is for trial use only and may not last as long)	
Material	Body: ABS resin	

	73017	73010
Accuracy	±2% or ±2°C (higher value) Probe: 65°C up: ±1% (higher value) -5 - 65°C: ±0.5°C -5°C or less: ±1°C	0 - 500°C: ±2% or ±2°C (higher value) -60 - 0°C: ±2°C+(displayed value×0.05)°C
Measuring Range	-33 - 220°C	-60 - 500°C
Resolution	-9.9 - 199.9°C: 0.1°C Other values: 1°C	
Measuring Interval	1 sec	
Measurement Wavelength	8 - 14 μm	
Operating Temperature	0 - 50°C	
Emissivity	Adjustable 0.1 - 1 (default as 0.95)	0.95 (fixed)
Auto Power Off	15 seconds after stopped operation	
Battery Life	40 hours (continuous use)	14 hours (continuous use)
Power Source	1x Lithium battery CR2450 (Batteries included are for trial use only and may not last as long)	2x AAA Alkaline batteries
Laser Wavelength	—	635 - 660 nm
Output	—	1 mW or less (IIS Class2)
Dust/Waterproof	IP54	
Material	Body: ABS resin	

Infrared Thermometer



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

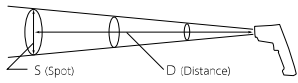
D:S 12:1 **ENERGY SAVING** Auto power off **VISIBLE** Dual Laser point

MEASURING RANGE -60 - 550°C **EMISSIVITY** Changeable multi-emissivity **HOLD & LOCK** HOLD mode LOCK mode

RESISTANCE IP54 **IN A DARK** Back light


MODE High and Low alarm Max and Min Temp Difference between Max & Min Average Temp

73036



D (Distance) : S (Spot) = 12:1

Example: 24 cm distance to the object being measured → 2 cm spot
6 m distance to the object being measured → 50 cm spot
*Measuring range minimum diameter: 20 mm



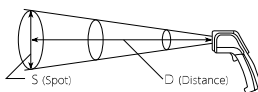
Do not stare into beam
Maximum Output: 1 mW
Wavelength: 635 - 660 nm
Class 2 Laser Product JIS C6802: 2014

D:S 16:1 **ENERGY SAVING** Auto power off **VISIBLE** Laser point

MEASURING RANGE -60 - 625°C **EMISSIVITY** Changeable multi-emissivity **HOLD & LOCK** HOLD mode LOCK mode

IN A DARK Back light **MODE** High and Low alarm Max and Min Temp Difference between Max & Min Average Temp

73014



D (Distance) : S (Spot) = 16:1

Example: 48 cm distance to the object being measured → 3 cm spot
8 m distance to the object being measured → 50 cm spot
*Measuring range minimum diameter: 20 mm



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

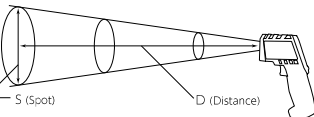
D:S 30:1 **ENERGY SAVING** Auto power off **VISIBLE** Dual Laser point

MEASURING RANGE -60 - 760°C **EMISSIVITY** Changeable multi-emissivity **HOLD & LOCK** HOLD mode LOCK mode

IN A DARK Back light **Tripod Screw** 1/4 inch **Durable** Shock resistant

MODE High and Low alarm Max and Min Temp Difference between Max & Min Average Temp

73063



D (Distance) : S (Spot) = 30:1

Example: 90 cm distance to the object being measured → 3 cm spot
15 cm distance to the object being measured → 50 cm spot
*Measuring range minimum diameter: 20 mm



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

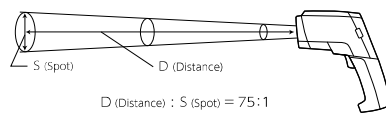
D:S 75:1 **ENERGY SAVING** Auto power off **VISIBLE** Dual Laser point

MEASURING RANGE -35 - 1,500°C **EMISSIVITY** Changeable multi-emissivity **HOLD & LOCK** HOLD mode LOCK mode

IN A DARK Back light **Tripod Screw** 1/4 inch **MEMORY Function** The Maximum of 24 readings

MODE High and Low alarm Max and Min Temp Difference between Max & Min

73100



D (Distance) : S (Spot) = 75:1

Example: 2 m 25 cm distance to the object being measured → 3 cm spot
7 m 50 cm distance to the object being measured → 10 cm spot
*Measuring range minimum diameter: 25 mm

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
73036	E Emissivity Adjustable Model with Dual Laser Pointer	144×43×117	180	4 960910 730366	2	
73014	C Emissivity Adjustable Model	185×46×143	245	4 960910 730144		
73063	G Shock-resistant Emissivity Adjustable Model with Dual Laser Pointer	172×46×119	252	4 960910 730632	1	
73100	H Emissivity Adjustable Model with Dual Laser Pointer for High Temperature	204×58×179	370	4 960910 731004		

JIS JIS mark With red numbers cm/shaku (Upper side for Front metric / Lower side for Back shaku) With magnet Vial with luminous sheet Thermometer Double-sided tape Letters in Japanese With stopper Oil Glass lens With edge

Japanese zodiac signs With battery shaku/cm (Upper side for Front shaku / Lower side for Back metric) With non-slip pad Thermometer/Hygrometer Hygrometer With hanging hole Letters in English With direction arrow With grid scale Plastic lens

Features

- Non-contact operation makes it safe and sanitary
- Adjustable emissivity according to the object to be measured
- Can show temperature simultaneously with maximum temperature, minimum temperature, difference between max/min temperature, or average temperature
- HI/LOW alarm function beeps and displays a notification when a set temperature is reached
- Backlight function
- E
 - IP54 dust and water proof
 - 5 Dustproof: Penetration by a little dust will not disturb normal operation
 - 4 Waterproof: Drops of water from any direction do not affect normal operation
- C
 - Laser helps to find the measuring point at a glance
 - *Center of the measuring range diameter is approximately 2 cm from the laser point.
- G
 - Shock-resistant model
 - Color bars indicating temperature change (Max/Min temperature mode)
- H
 - Model for high temperature measurements. Measurement range is -35 - 1,500°C to give the widest-possible range of temperature measurements.
 - With memory function that records a maximum of 24 readings
 - High distance coefficient of D:S=75:1 enables measurement of a narrow range even from a distant position
 - Comes with convenient protector case for storage and portability
- E/G/H
 - Dual-Laser points show both sides of the measuring range diameter
- G/H
 - Tripod socket screw for fixed point measurement

Use

- For various temperature measurements

Specifications

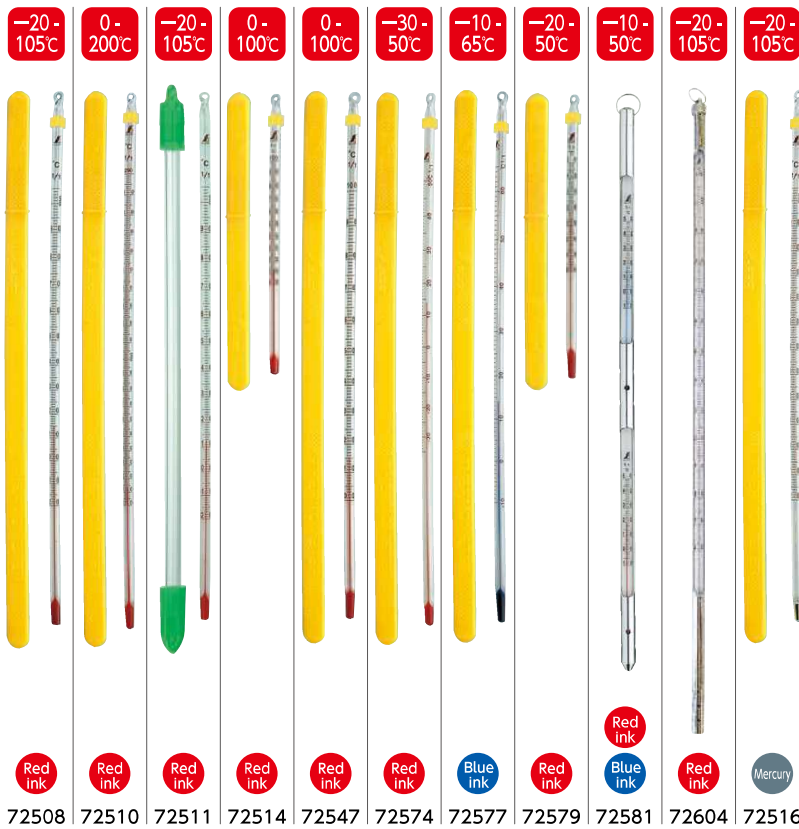
	73036	73014
Accuracy	0 - 550°C: ±2% or 2°C (higher value) -60 - 0°C: ±1-2°C+(displayed value X 0.05)°C	0 - 625°C: ±2% or 2°C (higher value) -60 - 0°C: ±1-2°C+(displayed value X 0.05)°C
Measuring Range	-60 - 550°C	-60 - 625°C
Resolution	-9.9 - 199°C: 0.1°C Other values: 1°C	
Measuring Interval	1 sec	
Measurement Wavelength	8 - 14 μm	
Operating Temperature	0 - 50°C	
Emissivity	Adjustable 0.1 - 1 (default as 0.95)	
Auto Power Off	60 seconds after stopped operation	
Battery Life	14 hours (continuous use)*1	
Power Source	2x AAA Alkaline batteries (Batteries included are for trial use only and may not last as long)	
Laser Wavelength	635 - 660 nm	
Output	1 mW or less (JIS Class2)	
Dust/Waterproof	IP54	—
Material	Body: ABS resin, elastomer resin	Body: ABS resin

	73063	73100
Accuracy	0 - 760°C: ±2% or ±2°C (higher value) -60 - 0°C: ±1-2°C+(displayed value X 0.05)°C	0 - 1,500°C: ±2% or ±2°C (higher value) -35 - 0°C: ±1-2°C+(displayed value X 0.05)°C
Measuring Range	-60 - 760°C	-35 - 1,500°C
Resolution	0.1°C	-35-999.9°C: 0.1°C Other values: 1°C
Measuring Interval	1 sec	
Measurement Wavelength	8 - 14 μm	
Operating Temperature	0 - 50°C	
Emissivity	Adjustable 0.1 - 1 (default as 0.95)	
Auto Power Off	60 seconds after stopped operation	
Battery Life	7 hours (continuous use)*2	12 hours (continuous use)*1
Power Source	2x AAA Alkaline batteries (Batteries included are for trial use only and may not last as long)	
Laser Wavelength	635 - 660 nm	
Output	1 mW or less (JIS Class2)	
Tripod Screw	1/4 inch	
Material	Body: ABS resin	

*1 140 hours of continuous use when not using the laser pointer and backlight
*2 30 hours of continuous use when not using the laser pointer

Carpenter's Squares
Stainless Steel Rules / Machine Scale
Aluminum Rules
Resin Folding Rules / Bamboo Rules
Squares / Protractors
Vernier Calipers / Micrometers
Tape Measures
Surveying Products
Scales
Levels
Lasers / Optical Equipment
Millers / Chalklines / Plumbers
Circular Saw Guides
Construction Tools
Industrial Tools
Thermometers / Hygrometers / Environmental Measuring Instruments
Outdoor Products
Magnifying Glasses
Drawing Tools
Magnets

Stick Thermometer Alcohol/Mercury Individually Packaged



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72508	H-20 - 105°C 30 cm	300x6x6	21	4 960910 725089	10	
72510	H-2 0 - 200°C 30 cm	300x6x6	21	4 960910 725102		
72511	H-3 -20 - 105°C 30 cm	300x6x6	21	4 960910 725119		
72514	H-4 0 - 100°C 15 cm	153x6x6	11	4 960910 725140		
72547	H-5 0 - 100°C 30 cm	300x6x6	21	4 960910 725478		
72574	H-6 -30 - 50°C 30 cm	300x6x6	21	4 960910 725744		
72577	H-7 -10 - 65°C 30 cm	300x6x6	21	4 960910 725775		
72579	H-8 -20 - 50°C 15 cm	153x6x6	11	4 960910 725799		
72581	H-9 -10 - 50°C 15 cm x 2 pc-set	347x15x9	68	4 960910 725812		
72604	H-10 -20 - 105°C 45 cm	480x14x12	93	4 960910 726048		
72516	I -20 - 105°C 30 cm	300x6x6	23	4 960910 725164		

Features

- Alcohol model is easy to read
- Mercury model is watertight. Due to its high boiling point, it is good for measuring high temperature.
- Can be used inside its transparent protective case (72581)
- Can simultaneously measure ground temperature + air temperature, or water temperature + air temperature, etc. Can be used inside its metal protective case.(72511)
- Rubber stopper to prevent rolling (except 72511/72581/72604)

Use



Specifications

	72508	72510	72511
Accuracy	±1°C		
Each Graduation	1°C		
Material	Body: Glass Temperature Sensitive Liquid: Colored refined white kerosene Case: Polyethylene resin		Body: Glass Temperature Sensitive Liquid: Colored red and white kerosene Case: Polypropylene resin

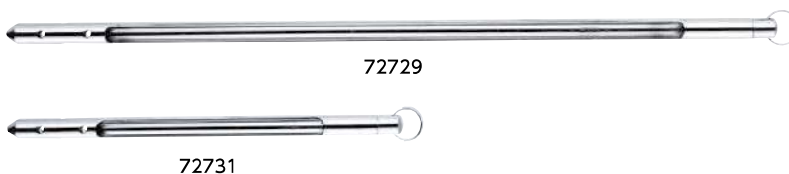
	72514	72547	72574
Accuracy	±1°C		
Each Graduation	1°C		
Material	Body: Glass Temperature Sensitive Liquid: Colored refined white kerosene Case: Polyethylene resin		

	72577	72579	72581
Accuracy	±1°C		
Each Graduation	1°C		
Material	Body: Glass Temperature Sensitive Liquid: Colored refined white kerosene Case: Polyethylene resin	Body: Glass Temperature Sensitive Liquid: Colored red and white kerosene Case: Brass	

	72604	72516
Accuracy	±1°C	
Each Graduation	1°C	
Material	Body: Glass Temperature Sensitive Liquid: Colored refined white kerosene Case: Brass	Body: Glass Temperature Sensitive Liquid: Mercury Case: Polyethylene resin

*Stick thermometer is a fully immersive thermometer - it only indicates the correct temperature after temperature gauge is fully immersed. Since it simultaneously measures water temperature and air temperature when not fully immersed, it may display a temperature that is lower than the actual water temperature.

Metal Case for Stick Thermometer



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72729	for 30 cm	341x14x16	44	4 960910 727298	10	
72731	for 15 cm	190x14x16	28	4 960910 727311		

Features

- Case window allows measuring and reading of the scale while thermometer stays in the case

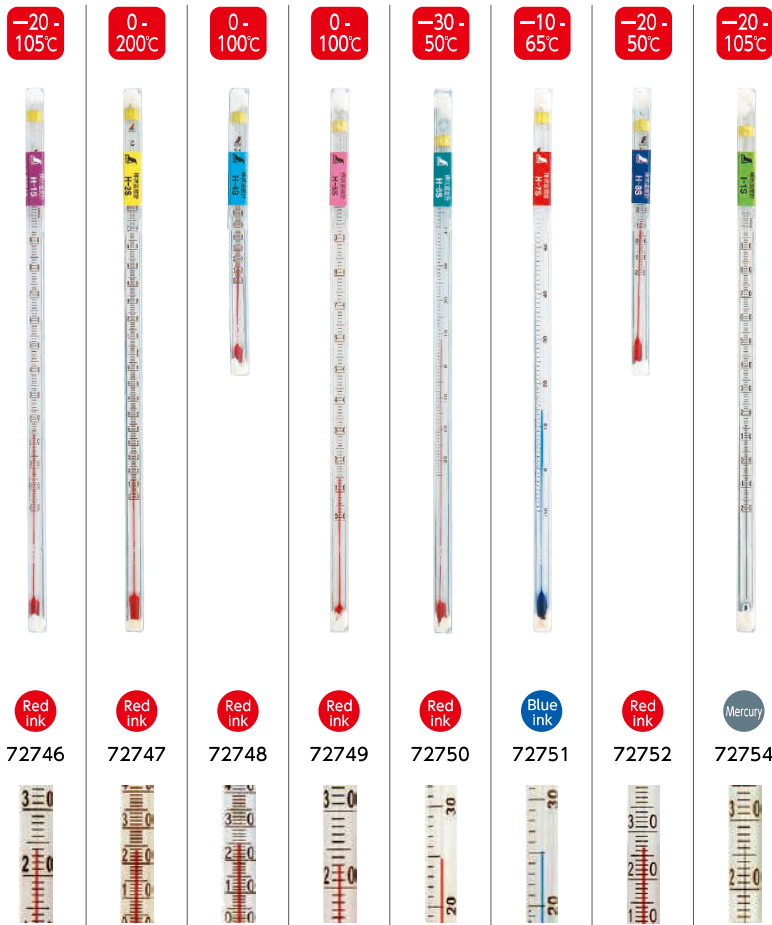
Use

- For protection of glass material stick thermometers

Specifications

Material	Brass
Operating Temperature	-30 - 200°C

Stick Thermometer Alcohol/Mercury Bulk Packaged

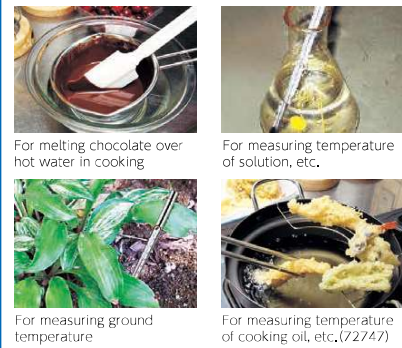


Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing unit	Packaging
72746	H-1S -20 - 105°C 30 cm	300×6×6	21	4 960910 727465	10	
72747	H-2S 0 - 200°C 30 cm	300×6×6	21	4 960910 727472		
72748	H-4S 0 - 100°C 15 cm	153×6×6	11	4 960910 727489		
72749	H-5S 0 - 100°C 30 cm	300×6×6	21	4 960910 727496		
72750	H-6S -30 - 50°C 30 cm	300×6×6	21	4 960910 727502		
72751	H-7S -10 - 65°C 30 cm Blue	300×6×6	21	4 960910 727519		
72752	H-8S -20 - 50°C 15 cm	153×6×6	11	4 960910 727526		
72754	I-1S -20 - 105°C 30 cm	300×6×6	23	4 960910 727540		

Features

- Affordable price with simple packaging
- Rubber stopper to prevent rolling

Use



For melting chocolate over hot water in cooking

For measuring temperature of solution, etc.

For measuring ground temperature

For measuring temperature of cooking oil, etc.(72747)

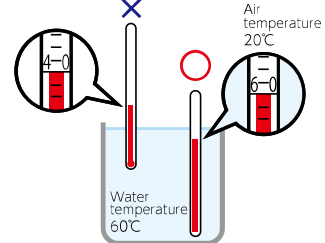
Specifications

	72746	72747	72748
Accuracy	±1°C		
Each Graduation	1°C		
Material	Body: Glass Temperature Sensitive Liquid: Colored refined white kerosene		
	72749	72750	72751
Accuracy	±1°C		
Each Graduation	1°C		
Material	Body: Glass Temperature Sensitive Liquid: Colored refined white kerosene		
	72752	72754	
Accuracy	±1°C		
Each Graduation	1°C		
Material	Body: Glass Temperature Sensitive Liquid: Colored refined white kerosene	Body: Glass Temperature Sensitive Liquid: Mercury	



Packaging:
With hook pin

*Stick thermometer is a fully immersive thermometer - it only indicates the correct temperature after temperature gauge is fully immersed.



Since it simultaneously measures water temperature and air temperature when not fully immersed, it may display a temperature that is lower than the actual water temperature

Stick Thermometer Specifications

Item Code	Description	Size	Measuring Range (°C)																	Liquid		
			-30	-20	-10	0	10	20	30	40	50	60	65	70	80	90	100	105	220			
72508/72746	H/H-1S	30 cm																			Red	
72510/72747	H-2/H-2S	30 cm																				Red
72511	H-3	30 cm																				Red
72514/72748	H-4/H-4S	15 cm																				Red
72547/72749	H-5/H-5S	30 cm																				Red
72574/72750	H-6/H-6S	30 cm																				Red
72577/72751	H-7/H-7S	30 cm																				Blue
72579/72752	H-8/H-8S	15 cm																				Red
72581	H-9	15 cm × 2																				Red+Blue
72604	H-10	45 cm																				Red
72516/72754	I/I-1S	30 cm																				Mercury

*Mercury products will be discontinued at the end of 2020

Thermometer for Ground Temperature



72627 72623 72639

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72622	O-2 White	190×25×7	20	4 960910 726222	10	
72627	O-2 Yellow	190×25×7	20	4 960910 726277		
72630	O-2 Blue	190×25×7	20	4 960910 726307		
72623	O-3 Mini A 3 pc-pack (Red, Orange, Purple)	56×17×3	1	4 960910 726239		
72633	O-3 Mini B 3 pc-pack (Black, Blue, Green)	56×17×3	1	4 960910 726338		
72624	O-4 White with Air Temperature	245×35×7	36	4 960910 726246		
72636	O-4 Yellow with Air Temperature	245×35×7	36	4 960910 726369		
72639	O-4 Blue with Air Temperature	245×35×7	36	4 960910 726390		

Features

- Use by sticking into the ground or the soil in a pot for temperature control of germination, raising seedlings, and potting
- Growth of plants have a strong relation to ground temperature. This thermometer helps effective cultivation.
- O-3 models are colorful, small three-piece sets
- O-4 models can measure air and ground temperature at the same time

Growing Temp.	15 - 25°C	25 - 30°C
	Morning glory Amaryllis Potato	Tomato Corn Pumpkin
Germination Temp.	15 - 25°C	25 - 30°C
	Tulip Sweet pea Spinach	Zinnia Cosmos Chinese cabbage

Use

- For temperature control of soil in gardening and vegetable cultivation, etc.

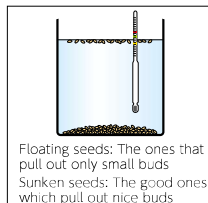
Specifications

	72622	72627	72630
Accuracy	±1°C		
Measuring Range	-10 - 50°C		
Each Graduation	1°C		
Material	Body: Polystyrene resin		
	72623	72633	
Accuracy	±2°C		
Measuring Range	10 - 50°C		
Each Graduation	2°C		
Material	Body: Yupo paper		
	72624	72636	72639
Accuracy	±1°C		
Measuring Range	Ground Temperature: -10 - 50°C Air Temperature: -20 - 50°C		
Each Graduation	1°C		
Material	Body: Polystyrene resin		

Salt Hydrometer



72718



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72718	Salt Hydrometer	φ11×205	11	4 960910 727182	5	

Features

- Measures the concentration of salt water to separate seeds or unshelled rice
- Color coded to find the ideal gravity for each species of seed

Use

- For separating seeds or unshelled rice

Specifications

Accuracy	± 1 Heavy Baume degree
Measuring Range	0 - 35 Heavy Baume degree
Each Graduation	1 Heavy Baume degree
Material	Body: Glass

Soil pH Meter



72724



*This unit cannot measure liquid acidity.
 *When measuring, please make sure soil has sufficient moisture as if a mud ball was to be made

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72724	A	160×47×47	100	4 960910 727243	6	

Features

- Easy operation without battery - simply stick into the soil for a minute to measure
- Cone-shaped end gives the sensor firm contact with the soil and a large measurement area for high accuracy
- Meter stays horizontal for optimum functioning when inserted vertically into soil.

Use

- For measuring soil acidity

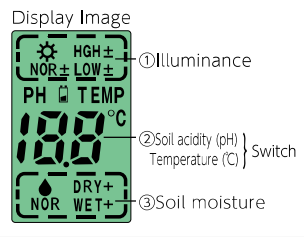
Specifications

Accuracy	± pH 0.5
Measuring Range	pH 4 - 7
Each Graduation	pH 0.2
Material	Body: ABS resin

Digital Soil pH Meter



72716



*This unit cannot measure liquid acidity.
 *When measuring, please make sure soil has sufficient moisture as if a mud ball was to be made

Features

- Digital display soil pH meter with multi-functions measuring ground temperature, soil moisture, and illuminance
- With backlight
- Switch allows easy change between soil acidity (pH) and temperature (°C)

Reverse side



pH is an index of acidity in soil.
 Growth of crops depends significantly on soil pH.

Use

- For measurement of soil acidity, ground temperature, soil moisture, illuminance in cultivation environment

Specifications

Measuring Target	Acidity of soil, temperature of soil, moisture of soil, illuminance
Measuring Range: Luminous Intensity (5 levels)	LOW-, LOW, LOW+, NOR-, NOR, NOR+, HGH-, HGH, HGH+
Moisture of Soil (5 levels)	DRY+, DRY, NOR, WET, WET+
Acidity of Soil (14 levels)	pH 3.5 - 9.0 (minimum pH 0.5, accuracy ±pH 0.5)
Temperature of Soil	0 - 50°C (minimum 1°C, accuracy ±1°C)
Power Source	1x 9 V battery (Battery included is for trial use only and may not last as long)
Auto Power Off (approx.)	5 minutes after stopped operation
Auto Backlight Off (approx.)	1.5 minutes after stopped operation
Operating Temperature	5 - 40°C
Probe Size	φ6 × 200 mm
Material	Body: ABS resin

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72716	A	322×63×36	117	4 960910 727168	2	

Digital Soil EC Meter



72976

72758

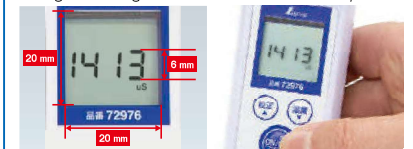
Carry case

Carry case



Features

- Easy-to-read liquid crystal display with a large lettering (72976)
- Ideal for detailed measurement with a resolution of 1 μS/cm



- Easy operation with just one push of the button
- Liquid temperature measurement function
- Compact, pocket-sized
- Hold function (only for soil EC Measurement Mode)
- Automatic Temperature Compensation (ATC) function
- IPX5 rating means it can be used safely even if it gets wet
- *Waterproof: Protected from low pressure water jets from any direction

ATC is an abbreviation for Automatic Temperature Compensation, which is a function that compensates for temperature changes in the liquid being measured by changing the measurement value. This allows precise measurement even without conversion.

EC means Electric Conductivity. If the EC value of soil is too high (above 1,500 μS/cm), crops cannot absorb nutrition effectively and it affects how they grow.

Use

- For soil conditioning in gardening or agricultural works

Specifications

	72976	72758
Measuring Range	Soil conductivity 0 - 1,999 μS/cm Temperature 0 - 60°C	Soil conductivity 0 - 1,999 μS/cm Temperature 0 - 80°C
Accuracy*	Soil conductivity ±20 μS/cm Temperature ±1°C	
Automatic Temperature Compensation (ATC)	Available	
Resolution	1 μS/cm	
Waterproof	IPX5	
Power Source	3x Alkaline batteries LR44 or 3x Silver oxide batteries SR44 (Batteries included are for trial use only and may not last as long)	
Auto Power Off	Approx. 5 minutes	
Material	Body: ABS resin Sensor Part: Glass	

*Accuracy is the repeatability of measurements in the standard solution after calibration in the same standard solution.

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72976	Digital Soil EC Meter II	φ40×185	98	4 960910 729766	1	
72758	Digital Soil EC Meter	φ37×180	83	4 960910 727588		