

Digital Thermometer

No.8080-05 with Standard Probe SK-S100K
No.8080-00 without probe

MAX | MIN | HOLD | Logger | Auto
Clock | Alarm | Timer | Wall Mount | power-off
Desktop

SK-1260

JCSS Calibr.

- Best for temperature control in food production, laboratories, factories and construction sites
- Thermistors for low temperature, type-K thermocouples for high temperature—
All-in-one measurement with replaceable probes
- IPX4 waterproof
- Stored data can be printed out through the optional printer below
(Max. quantity of data: 180 in manual mode, 120 in automated mode)

Specifications

Range	With thermistor: -30.0 to 199.9°C With type-K thermocouple: -99.9 to 1250°C depends on probes	
Accuracy	With thermistor:	$\pm 0.2^{\circ}\text{C}$
	With type-K thermocouple:	$\pm (0.1\% \text{rdg} + 0.3)^{\circ}\text{C}$ (0.0 to 199.9°C)
		$\pm 0.5^{\circ}\text{C}$ (-99.9 to -0.1°C)
		$\pm (0.2\% \text{rdg} + 1)^{\circ}\text{C}$ (200 to 1250°C)
	Total accuracy (display accuracy + measuring accuracy) depends on probes.	
Waterproofness	IPX4 waterproof	
Power	AAA battery x4, or AC adapter sold separately	
W&D	(W)66×(H)175×(D)25mm 200g including batteries	
Option	No.8080-10	Dedicated Printer
	No.8008-90	Dedicated AC Adapter
	No.8009-84	Vinyl Pouch with Strap (included in the kit)



No.8080-05 with Standard Probe



Appearance with Vinyl Pouch (included in the kit)

Dedicated Printer

No.8080-10

Dedicated Printer for SK-1260/1250MCIIIa

Power	Dedicated AC Adapter (in: 100–240 VAC; out: 9.0 VDC/4.0 A)
Dimensions	(W)145×(H)58×(D)135mm excluding protrusion
Weight	490g including battery, excluding paper
Option	No.8009-82 Spare Printing Paper

- Prints out the data stored in the digital thermometers SK-1260, SK-1250MCIIIa, SK-1250MCIII, and SK-1250MCII.
- Connection cable included in the kit



Digital Thermometer

Optional probes for SK-1260 (Type-K thermocouple)

Type-K thermocouple accuracy

Class 1: $\pm 1.5^{\circ}\text{C}$ (-40°C to $+375^{\circ}\text{C}$)
 $\pm 0.004 \cdot |t|$ (375°C to 1000°C)

Class 2: $\pm 2.5^{\circ}\text{C}$ (-40°C to $+333^{\circ}\text{C}$)
 $\pm 0.0075 \cdot |t|$ (333°C to 1200°C)

*|t| is an absolute value of temperature in Celsius.

Stick-type probes

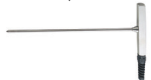
Cat. No.	Product Name	Model	Range	Shape, material	Calibr.	JCSS
No.8080-20	Standard Thermocouple Probe	SK-S100K	-100 to 300°C	● Sensing part: 2.3 mm dia. x L150 mm (SUS316 / flat end) - Cable length: 1.1m Accuracy: Class 1	✓	✓
No.8080-22	Waterproof Penetration Probe	SK-S100WK	-100 to 300°C	● Sensing part: 2.3 mm dia. x L150 mm (SUS316 / flat end) - Cable length: 1.1m Accuracy: Class 1	✓	✓

*Customized size of sensing stem and cable is available. Ask us for details.

*Factory calibration is available for a pair of an indicator and a probe, not for a probe alone.

Optional probes for SK-1260 (Type-K thermocouples)

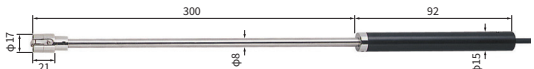
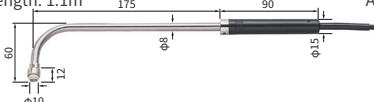
■ Stick-type probes

Cat. No.	Product Name	Model	Range	Shape, material	Calibr.	JCSS
No.8080-24	General Purpose Probe	SK-S101K	−100 to 700°C	● Sensing part: 3.2 mm dia. x L250 mm (SUS316 / flat end) Cable length: 1.1m Accuracy: Class 1 	✓	✓
No.8080-26	High Temperature Probe	SK-S102K	0 to 800°C	● Sensing part: 4.8 mm dia. x L500 mm (SUS316 / flat end) Cable length: 1.1m Accuracy: Class 1 	✓	✓
No.8080-28	Asphalt Temperature Probe w/ Stainless Steel Grip	SK-S103K	0 to 300°C	● Sensing part: 5.0 mm dia. x L250 mm (SUS304 / pointed end) Cable length: 1.1m Accuracy: Class 2 	✓	✓
No.8080-30	High Sensitivity Probe (for liquid and viscous liquid)	SK-S104K	−100 to 300°C	● Sensing part: 1.0 mm dia. x L1000 mm (SUS316 / flat end) Cable length: 1.1m Accuracy: Class 2 	✓	×
No.8080-32	Duplex Wire Probe w/ stainless steel shield	SK-S105K	−100 to 300°C	● Sensing part: 0.65 mm dia. x L10 m (round end) Cable length: 0.3m Accuracy: Class 2 	✓	×
No.8080-34	Asphalt Temperature Probe w/ Resin Grip	SK-S106K	0 to 300°C	● Sensing part: 5.0 mm dia. x L250 mm (SUS304 / pointed end) Cable length: 1.1m Accuracy: Class 2 	✓	✓
No.8080-36	High Temperature Probe	SK-S107K	0 to 1000°C	● Sensing part: 4.8 mm dia. x L1000 mm (Inconel / flat end) Cable length: 1.1m Accuracy: Class 1 ※ Option: Range: 0 to 1250°C, 8.0 mm dia. x L1000mm) 	✓	×
No.8080-38	Compost Temperature Probe	SK-S108K	0 to 300°C	● Sensing part: 8.0 mm dia. x L900 mm (SUS304 / pointed end) Cable length: 1.1m Accuracy: Class 2 	✓	×
No.8080-40	Asphalt Temperature Probe w/ Stainless Steel Grip	SK-S109K	0 to 300°C	● Sensing part: 5.0 mm dia. x L250 mm (SUS304 / pointed end) Cable length: 1.1m Accuracy: Class 2 	✓	✓
No.8080-42	Ultra-thin Immersion Type Probe	SK-S110K	0 to 200°C	● Sensing part: 2.0 mm dia. x L85 mm (SUS304 / pointed end) with a 3.0-m Teflon cable Accuracy: Class 2 	✓	×

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■ Surface Temperature Probes

Cat. No.	Product Name	Model	Range	Shape, material	Calibr.	JCSS
No.8080-50	Surface Temperature Probe (for mid-temperature of a static surface)	SK-S301K	0 to 600°C	● Cable length: 1.1m Accuracy: Class 2 	✓	×
No.8080-52	Surface Temperature Probe (Long Type)	SK-S302K	0 to 600°C	● Cable length: 1.1m Accuracy: Class 2 	✓	×
No.8080-54	Right-angled Probe (for mid- to high temperature)	SK-S303K	0 to 800°C	● Cable length: 1.1m Accuracy: Class 2 	✓	×

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*Factory calibration is available for a pair of an indicator and a probe, not for a probe alone.

Optional probes for SK-1260 (Type K-thermocouples)

■ Surface Temperature Probes

Cat. No.	Product Name	Model	Range	Shape, material	Calibr.	JCSS
No.8080-56	Surface Temperature Probe (Paste-on Type)	SK-S304K	0 to 300°C	● Sensor tip: 0.6 mm thick Cable: 3 m long, heat-resistant Accuracy: Class 2 	✓	×
No.8080-58	Surface Temperature Probe (Tilting-in-90° Type)	SK-S305K	−30 to 500°C	● Cable length: 1.1m Accuracy: Class 2 	✓	×
No.8080-60	Point Surface Temperature Probe (for low temperature)	SK-S306K	−30 to 250°C	● Cable length: 1.1m Accuracy: Class 2 	✓	×
No.8080-62	Surface Temperature Probe (for low temperature)	SK-S307K	−30 to 400°C	● Cable length: 1.1m Accuracy: Class 2 	✓	×
No.8080-64	L-shape Surface Temperature Probe (for mid-temperature)	SK-S308K	−30 to 600°C	● Cable length: 1.1m Accuracy: Class 2 	✓	×

Optional probes for SK-1260 (Thermistors)

Thermistor Accuracy
 $\pm (0.1\% \text{rdg} + 0.2)^\circ\text{C}$ (0.0 to 150°C)
 $\pm (0.2\% \text{rdg} + 0.4)^\circ\text{C}$ (Other)

Cat. No.	Product Name	Model	Range	Shape, material For accuracy, see above	Calibr.	JCSS
No.8080-80	Standard Thermistor Probe (for liquid, viscous liquid, and semisolid)	SK-S100T	−30.0 to 199.9°C	● Sensing part: 2.0 mm dia. x L100 mm (SUS304 / round end) Cable length: 1.1m 	✓	✓
No.8080-82	Penetration Probe (for food, rubber, and any other liquid, viscous liquid, and semisolid)	SK-S101T	−30.0 to 199.9°C	● Sensing part: 3.0 mm dia. x L100 mm (SUS304 / pointed end) Cable length: 1.1m 	✓	✓
No.8080-84	Waterproof Penetration Probe (for food in low temperature)	SK-S101WT	−30.0 to 199.9°C	● Sensing part: 3.0 mm dia. x L120 mm (SUS304 / pointed end) Cable length: 1.1m 	✓	✓
No.8080-86	Water Temperature Probe (water and pressure-proof)	SK-S102T	−30.0 to 100.0°C	● Sensing part: 17.0 mm dia. x L123 mm (SUS304) Cable length: 10m 	✓	✓
No.8080-88 Made to order	Rectum Temperature Probe (small animals such as rabbits, rats, and guinea pigs)	SK-S103T	30.0 to 50.0°C	● Sensing part: 3.0 mm dia. x L110 mm Cable length: 1.1m (cold- and oil-resistant)  Not applicable for aquatic animals or big animals. Ask us for detail as there may be impossible application even for small animals.	✓	×
No.8080-90	Air Temperature Probe (for air temperature in an office or a warehouse)	SK-S201T	−30.0 to 150.0°C	● Sensing part: 5.0 mm dia. x L21 mm + 2.0 mm dia. x L80mm Cable length: 1.1m 	✓	✓

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