

OPTIONAL PROBES FOR SK-270WP SERIES

OPTIONAL PROBES



**No. 8079-01 S270WP-01 Standard probe**  
Sensing stem:  $\varnothing 3 \times 100$  mm



**No. 8079-02 S270WP-02 Penetration probe**  
Sensing stem:  $\varnothing 3 \times 200$  mm



**No. 8079-03 S270WP-03 Long stem probe**  
Sensing stem:  $\varnothing 3 \times 400$  mm



**No. 8079-04 S270WP-04 Penetration probe**  
Sensing stem:  $\varnothing 2 \times 150$  mm



**No. 8079-05 S270WP-05 Tapered stem probe**  
Sensing stem:  $\varnothing 2 \times 45$  mm +  $\varnothing 3 \times 55$  mm



**No. 8079-06 S270WP-06 Low temperature probe**  
Sensing stem:  $\varnothing 3 \times 100$  mm



**No. 8079-21 S270WP-21 Sleeve type probe**  
Sensing stem:  $\varnothing 3 \times 420$  mm



**No. 8079-31 S270WP-31 Immersion type probe**  
Sensing part:  $\varnothing 17 \times 90$  mm



**No. 8079-41 S270WP-41 Surface temperature probe**  
Sensing part:  $\varnothing 9$ mm

SPECIFICATIONS (PROBES)

Cat. No.	8079-01	8079-02	8079-03	8079-04	8079-05	8079-06	8079-21	8079-31	8079-41	
Model	S270WP-01	S270WP-02	S270WP-03	S270WP-04	S270WP-05	S270WP-06	S270WP-21	S270WP-31	S270WP-41	
Measuring range	-40.0 to 250.0°C					-40.0 to 40.0°C	-40.0 to 200.0°C	-40.0 to 105.0°C	25.0 to 200.0°C	
Measuring accuracy	-40.0 to -30.1°C					±1.3°C	±1.5°C		-----	
	-30.0 to -20.1°C					±1.0°C				
	-20.0 to -10.0°C					±0.5°C				
	-9.9 to 40.0°C					±0.3°C	±0.6°C			
	40.1 to -105.0°C					-----				±0.8°C
	105.1 to 150.0°C						±0.7°C	±1.0°C		
	150.1 to 199.9°C					±1.0°C	±1.5°C			
200.0 to 250.0°C					±1.5°C	±1.0°C	±2.0°C			
Waterproof property	Compliant to JIS C 0920 IPX7 (When a main unit is connected) * Protected against effects of temporary immersion 1 m in water under normal temperature								-----	
Sensing element	Thermistor									
Materials	Sensing stem	SUS304			SUS316	SUS304		SUS303	Copper + Ni plating	
	Grip	SUS303							-----	Polyacetal resin
	Cord	PVC					Silicone			
Shape of stem end	Pointed end	Round end	Pointed end			Round end	Cylindrical shape	Flat end		
Dimensions	Grip	$\varnothing 15 \times 120$ mm					$\varnothing 7 \times 55$ mm	-----	$\varnothing 12 \times 105$ mm	
	Cord length	0.7 m					1.0 m	5 m	0.8 m	
Weight	123 g	126 g	130 g	123 g	123 g	123 g	50 g	240 g	50g	
Accessory	Test result, English instruction manual									

\* Cord length can be extended up to 5 m at option.

**No. 8080-05 WATERPROOF DIGITAL THERMOMETER MODEL SK-1260**



**FEATURES**

- Both inputs of thermistors and K thermocouples provided from us are available.
- Measured data can be stored in memory with a simple operation.
  - \* The memory can store up to 180 data in the manual mode.
  - \* The memory can store up to 120 data in the automatic mode.
- Upper and lower limit alarm can be set.
  - When the temperature reaches the set upper or lower limit, the warning buzzer sounds and "V" flashes on the panel.
- Waterproof property: Conforms to JIS C 0920 **IP X4**
  - No adverse effects of water splashes from any direction.
- Various kinds of optional probes for a wide variety of applications.
- Print function
  - Temperature data stored in memory can be printed on an optional printer.

**SPECIFICATIONS**

Model	Waterproof Digital Thermometer SK-1260
Measuring range	Thermistor : -30.0 to 199.9°C K Thermocouple : -99.9 to 1250°C
Resolution	Thermistor : 0.1°C at -30.0 to 150.0°C K Thermocouple : 0.1°C at -99.9 to 199.9°C : 1°C at 200°C to 1250°C
Accuracy	Thermistor Main unit : ±0.2°C Sensor : ±(0.1% rdg + 0.3)°C at 0.0 to 150.0°C : ±(0.2% rdg + 0.4)°C at other than above K Thermocouple Main unit : ±(0.1% rdg + 0.3)°C at 0.0 to 199.9°C : ±0.5°C at -99.9 to -0.1°C : ±(0.2% rdg + 1)°C at 200 to 1250°C Sensor : ±1.5°C at -40.0 to 375°C (JIS class 1) : ±0.004 t  at 375 to 1000°C
Operational functions	MAX: maximum memory data, MIN: minimum memory data, HOLD: data hold, ALARM: upper and lower limit setting, REL: measurement of variation, TIME: time settings, REC/PRINT: record and print function, Auto Power-off
Waterproof property	Conforming to <b>IP X4</b> rated
Sampling time	1 sec.
Sensing elements	Thermistor / K Thermocouple
Power requirement	6 VDC (AAA battery x 4) or AC adapter (option)
Battery life	About 180 hours continuous with manganese batteries About 280 hours continuous with alkaline batteries
Materials	Main unit : ABS resin Probe : Sensing stem: Stainless (SUS304) Handle : Polyphenylene Oxide
Dimensions	Main unit: 66 (W) x 175 (H) x 25 (D) mm
Weight	Approx. 200 g (main body including batteries)
Standard accessories	Standard probe (SK-S100K), soft pouch with neck strap, 4 AAA manganese batteries, English manual

**OPTIONAL ITEMS**

**No. 8080-10 DEDICATED PRINTER**

**SPECIFICATIONS**

- Power requirements : AC adapter
- Printing method : Direct thermal printing
- Dimensions/Weight : 145 (W) x 58 (H) x 135 (D) mm / 380 g
- Standard accessories : Printing paper 1 roll (about 28 m), AC cable, Communication cable, Connection cable, D-Sub connector pin, English manual



**No. 8009-82 PRINTING PAPER**

Thermal paper: 10 rolls/pack

**No. 8008-90 AC ADAPTER (input voltage: 100 to 240VAC, 50/60Hz)**