Waterproof Digital Thermometer Model SK-270WP

No. 8078-00   with a hole for wall-mount type

No. 8078-20   without a hole for wall-mount type

Hole for wall-mount

Protection rubber

Hook for neck strap

Front view

Rear view

Without a hole for wall-mount type

Features

- **Dustproof/Waterproof property: confirms to JIS C 0920 IP67**

  Body is totally protected against dust ingress and is not affected temporary immersion in water.

- **Suitable to use at the site that hygiene is specially required**

  Available to wash the unit in running water when a probe is installed to it and wipe it with alcohol. Ideal for food factories and kitchen facility that are required temperature management at the site using water.

- **Durable body**

  Rubber on the side of the body saves on damage due to falling

- **HACCP function (three different temperatures and heating times can be set)**

  Possible to set the heating temperature and heating time of food

- **Serial number and calibration date are indicated on LCD when the power is turned on**

HACCP function

When the temperature of measurement object reaches the value to be set, the timer automatically starts and when it reaches the set time, the buzzer sounds and LED lights. (Three settings are available)

Serial number display function

The serial number of the unit is indicated on the display section when the power is turned on.
Available that the peeled one never get into foods at measurement as there is no label or plate on the body.

Calibration date display function

The date of calibration at our factory is memorized in the unit. The calibration date is indicated on the display section when the power is turned on.   This function makes the historical management of the unit easier

Specifications

Product / Model	Waterproof Digital Thermometer Model SK-270WP	
Cat. No.	8078-00	8078-20
Hole for wall-mount	○	×
Display range	-50.0 to 300.0°C	
Display Accuracy (Operation ambient is 0 to 40°C)	±(0.1 + 1 digit) at -40.0 to 200.0°C ±5°C at other than above	
Resolution	0.1°C	
Display sampling	0.5 to 1 sec. (When the temperature changes a lot, the sampling time is 0.5 sec. and when it is calm, it automatically changes to 1 sec.)	
Dustproof / Waterproof property	Conforming to JIS C 0920 IP67 (when probe is connected)	
Main functions	HOLD, Max value (MAX), Min. value (MIN), HACCP (Temp./time), Auto power-off, Low battery mark, Buzzer (about 70dB)	
Power requirement's	AAA size alkaline battery x 2 pcs.	
Battery life	Approx. 1000 hours at normal measurement Approx. 500 hours when buzzer function activates	
Materials	Body: PC resin, Key operation section: PET reign	
Dimensions	70(W) × 171(H) × 40(D) mm (exclusive of protrusion)	
Weight	Approx. 155g (inclusive of batteries)	
Accessories	S270WP-01 standard probe, AAA size alkaline battery x 2 pcs. vinyl cover, neck strap, English instruction manual	

*No. 8078-01 and No. 8078-22 are without probe type. S270WP-01 is not attached.

Optional probes

No. 8079-01   Standard probe Model S270WP-01
Sensing stem: φ3×L100mm

No. 8079-02   Penetration probe Model S270WP-02
Sensing stem: φ3×L200mm

No. 8079-03   Long stem probe Model S270WP-03
Sensing stem: φ3×L400mm

No. 8079-04   Penetration probe Model S270WP-04
Sensing stem: φ2×L150mm

No. 8079-05   Tapered stem probe Model S270WP-05
Sensing stem: φ2×L45mm + φ3×L55mm

No. 8079-06   Low temperature probe Model S270WP-06
Sensing stem: φ3×L100mm

No. 8079-21   Sleeve type probe Model S270WP-21
Sensing stem: φ3×L420mm

No. 8079-31   Immersion type probe Model S270WP-31
Sensing part: φ17×L90mm

No. 8079-41   Surface temperature probe Model S270WP-41
Sensing part: φ9mm

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	±1.5°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	±0.5°C					±0.3°C	±0.6°C		±0.8°C (*1)
	40.1 to -105.0°C						--------			±1.0°C
	105.1 to 150.0°C	±0.7°C						±0.7°C		±1.5°C
	150.1 to 199.9°C	±1.0°C						±1.0°C	--------	±2.0°C (*1)
	200.0 to 250.0°C	±1.5°C						--------		--------
Waterproof Property		Conforming to JIS C 0920 IPX7 (When a main unit is connected) * Protected against effects of temporary immersion 1m in water under normal temperature								--------
Sensing Element		Thermistor								
Materials	Sensing stem	SUS304				SUS316	SUS304		SUS303	Copper+Ni plating
	Grip	SUS303							--------	Polyacetal resin
	Cord	PVC							Silicon	
Shape of stem end		Point end		Round end		Point end		Round end	Cylindrical shape	Flat
Dimensions	Grip	φ15 x L120mm						φ7 x L55mm	--------	φ12×L105mm
	Cord length	0.7m						1.0m	5m	0.8m
	Weight	123g	126g	130g	123g	123g	123g	50g	240g	50g
Accessory		Test result, English instruction manual								

*1: The measuring range of S270WP-41 is 25.0 to 200.0°C