

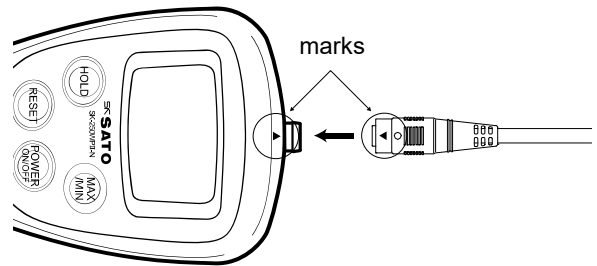
SWPII M Series Probes for SK-250WP II Series Waterproof Digital Thermometers

This product is designed to measure temperature by connecting to SK-250WP II Series Waterproof Digital Thermometer. Do not use it for other purposes.

Read this manual thoroughly before using and keep the manual in a safe place for future reference.

Connecting Probes

Match the ▼ and ▲ marks and insert the plug of the probe into the connector socket tightly until you hear a “click”.

**Cautions**

- Do not twist the plug by force.
- To disconnect, pull the plug straight off the socket, never pulling by the cord or twisting.

Press the POWER ON/OFF key on the main unit to start measurement. As for the details on usage, please refer to the instruction manual for the main unit.

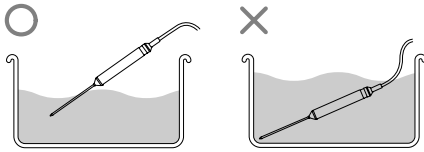
**Cautions**

- These probes are designed for SK-250WP II Series Waterproof Digital Thermometer. Do not connect them with any other thermometers including the previous model, SK-250WP Waterproof Digital Thermometer.
- Be sure to use the probes within the specified measuring range. Using them out of the ranges will cause measuring failures or damages.
- Be careful not to get a burn. The stainless-steel stem of the probe becomes extremely hot when measuring high temperature. Wait until the temperature cools down before storing.
- The pointed end type probes have sharp ends to penetrate measuring objects; as these sharp ends could cause accidental injuries, handle the probes with due care.
- Make sure to insert only the sensing stem into measuring object. Never immerse the probe into water except the sensing part.
- Never disassemble or modify the probes.
- Do not apply any shocks to the probes. Doing so may cause measuring failures.
- When measuring high temperature continuously, the heat could be conducted to the grip, causing a burn and/or deformation of the grip. The minimum distance when measuring high temperature is 15 times the diameter of the sensing part. For example, if the diameter is 3 mm, have the grip part at least 45 mm away from the measuring object.

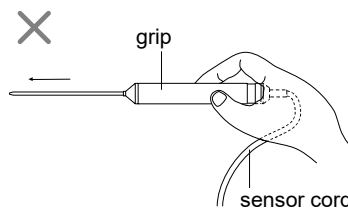
Cautions on Handling

Do not forcibly pull, bend, or bundle the sensor cord. The sensor cord may get damaged.

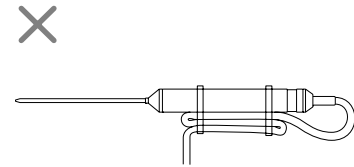
- Do not immerse the whole unit into water.



- Do not insert the sensing stem into an object by pressing the sensor cord of the grip with palm.



- Do not bundle or fasten the sensor cord on to the grip.



Care and Cleaning

Even though these probes, including the grips, are washable, be cautious of the followings:

- Do not leave the probe in the water.
- Do not use any chemicals or cleaning solvents for cleaning.
- After cleansing, wipe off any moisture off the probes. Never use any drying machine.

Specifications

Name	Standard Probe	Penetration probe	High sensitive probe	Long stem probe	Tapered stem probe
Model	SWPII-01M	SWPII-02M	SWPII-04M	SWPII-05M	SWPII-06M
Cat. No.	8071-01	8072-01	8074-01	8075-01	8076-01
Measuring Range	-40 to 250°C	-15 to 250°C	-15 to 250°C	-15 to 250°C	-40 to 250°C
Sensor	Thermistor				
Accuracy	-40 to -16°C	±2°C	(out of measuring range)		±2°C
	-15 to -10°C		±1°C		
	-9.9 to -0.1°C	±1°C			
	0.0 to 40.0°C	±0.6°C	±0.3°C	±0.6°C	
	40.1 to 105.0°C	±0.7°C			
	105.1 to 145.0°C	±1°C			
	145.1 to 250°C	±2°C			
Shape of Stem End	Pointed end		Round end	Pointed end	
Waterproof Property	Conforming to JIS C 0920 IPX7 rated				
Dimensions	Sensing Stem	Ø 3 x L100 mm	Ø 2 x L150 mm	Ø 3 x L400 mm	Ø 2 x L45 + Ø 3 x L55 mm
	Grip	Ø 18 x L108 mm			
	Cord Length	approx. 1 m			
Material	Sensing Stem	SUS304			SUS316
	Grip	Polybutylene Terephthalate (PBT) resin			
Weight	approx. 100 g		approx. 99 g	approx. 105 g	approx. 99 g

SATO KEIRYOKI MFG.CO.,LTD.

3-4, Kanda-kajicho, Chiyoda-ku, Tokyo 101-0045 Japan
 URL: <https://www.sksato.co.jp/en/>