

Instruction Manual

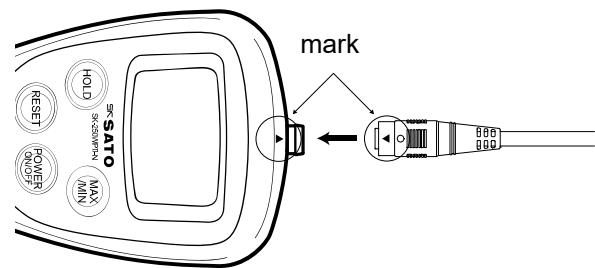
Penetration Probes Model SWPII-07, SWPII-08, SWPII-09 and SWPII-10 for SK-250WPII Series Waterproof Digital Thermometers

Thank you for purchasing the SWPII-07/-08/-09/-10 penetration type probes.

- These products are designed to measure temperature connecting with SK-250WPII Series Waterproof Digital Thermometers. Do not use it for other purposes.
- Read this manual thoroughly before using. Keep the manual in a safe place for future reference whenever necessary.

Installing Probes

Match both ▼ and ▲ marks of the plug of the probe and the connector socket together and insert the plug into the socket until a “click” is heard



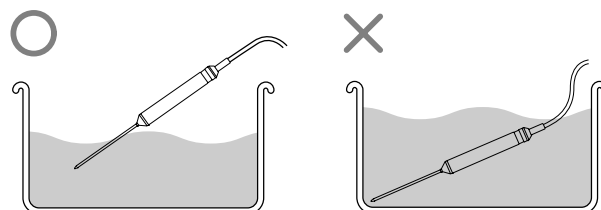
How to Use

Press the POWER ON/OFF key on the main unit to start measurement. As for the details of the usage, refer to the instruction manual for SK-250WPII Series Waterproof Digital Thermometers.

Cautions

Be sure to observe the following precautions in order to use this unit correctly.

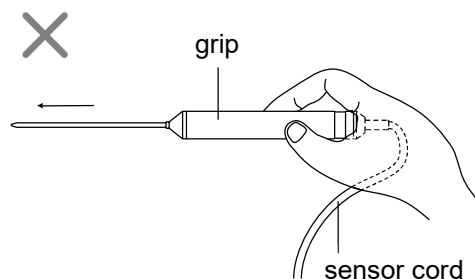
- These probes are designed for SK-250WPII Series Waterproof Digital Thermometers. Do not connect these probes with other thermometers.
- Be sure to use this probe within the specified measurement range. Using it outside the specified measurement range will result in failure or damage.
- Take care not to burn when you measure high temperature. Keep it after temperature falls down because the stainless steel stem and grip of the probe become hot.
- The penetration type probe has a sharp pointed tip so that it can penetrate into the measuring object. Handle these probes with due care as this tip could cause accidental injuries.
- Never disassemble or modify this unit. Doing so may result in failure.
- Do not apply impact to it. Doing so may result in failure.
- For accurate measurement, wash out a stain with water after measurement. Wipe any moisture off with a dry cloth.
- Do not use this unit in water.



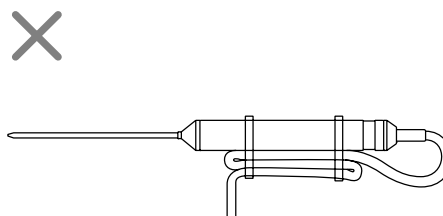
How to handle the sensor cord

Do not forcibly pull, bend, or bundle the sensor cord. Placing a heavy object on the sensor cord, heating or scratching the cord may also damage it. Never do the following use.

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



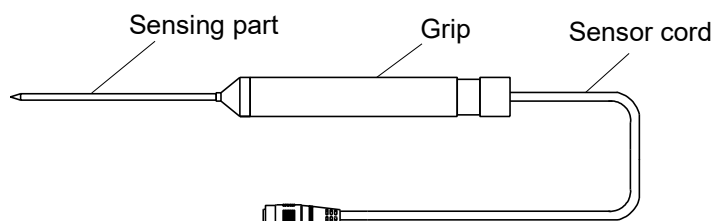
2. Do not bundle the sensor cord with tape on to the grip.



Specifications

Cat. No.		8077-10	8077-20	8077-30	8077-40
Model Name		SWPII-07	SWPII-08	SWPII-09	SWPII-10
Measuring range		-40 to 250°C	-15 to 250°C	-40 to 250°C	-15 to 250°C
Accuracy	at -40 to -16°C	±2°C	-----	±2°C	-----
	at -15 to -10°C	±2°C	±1°C	±2°C	±1°C
	at -9.9 to -0.1°C	±1°C			
	at 0 to 40.0°C	±0.6°C			
	at 40.1 to 105.0°C	±0.7°C			
	at 105.1 to 145.0°C	±1°C			
	at 145.1 to 250.0°C	±2°C			
Sensor		Thermistor			
Waterproof construction		IPX7			
Dimensions	Sensing stem	Ø3 x 100mm(L)	Ø3 x 400mm(L)	Ø3 x 200mm(L)	Ø2 x 150mm(L)
	Stem end	Point end	Round end	Point end	Point end
	Grip	Ø15 x 110mm(L)			
	Cord length	about 1m			
Materials	Sensing stem	SUS304			
	Grip	SUS303			
Weights		about 140g	about 145g	about 143g	about 139g

Parts and Names



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