

## ***Instruction Manual*** ***Bimetal Thermometers for Asphalt Temperature***

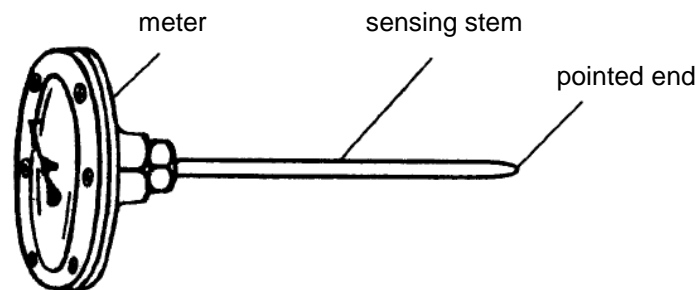
Thank you for purchasing Bimetal Thermometer for asphalt temperature.

- This product is designed to measure temperature of asphalt (140 to 180°C). Do not use it for other purposes.
- Read this manual thoroughly before using this bimetal thermometer. Keep the manual in a safe place for future references whenever necessary.

### **Measurements**

Insert the sensing stem into the target to more than half of the stem from the pointed end.

### **Name of Section**



### **Cautions**

For your safety and proper use of the bimetal thermometer, be sure to observe the following:

- After taking the measurement, the unit becomes very hot. Do not directly touch the thermometer avoiding to get burned yourself.
- Never use the bimetal thermometer out of the measurement range (0 to 200°C).
- Never disassemble or alter the thermometer, which may cause malfunctions.
- Do not drop, bent or apply shock to the thermometer. Otherwise, malfunctions may occur.
- Do not alter, bend or bind the sensing stem, as doing so may break or damage the thermometers.
- To prevent injury, be careful of the sharp tip of the sensing stem especially when cleaning the stem after taking measurements.
- Never push the sensing stem into a hard object. Doing so may cause the stem to bend.

### **Maintenance**

For accurate measurements, it is desirable to confirm the accuracy of the bimetal thermometer in comparison with the standard thermometer once a year.

## Specifications

Name of Product	Bimetal Thermometer for Asphalt		
Model No.	2150-10	2150-20	2250-10
Type	Small		Large
Measuring range	0 to 200°C		
Color of scale plate	Black	White	Black
Min. Graduation	5°C		2°C
Accuracy	±5°C		±2°C
Sensing Elements	Bimetal		
Construction	Splash-proof		Waterproof
Materials	Case	Iron (SPCC Nickel plated)	Polyamide resin
	Case cover	Aluminum	Polyamide resin
	Window	Glass	Glass
	Stem	Stainless Steel (SUS 304)	Stainless Steel (SUS 304)
Case Diameter	80 mm		175 mm
Dial Diameter	75 mm		150 mm
Stem Dimensions	8 mm dia. x L 200 mm point end		8 mm dia. x L 200 mm point end
Weight	120g		465g

## WARRANTY POLICY

### Warranty

Our products are warranted to be free from defects in materials and workmanship for a period of one year from date of shipment. If repair or adjustment is necessary and has not been the result of abuse or misuse within the one-year-period, please return the units on - Freight Prepaid – basis and correction of the defect will be made without charges. We alone will determine if the product problem is due to deviations or customer misuse.

Out-of-warranty products will be repaired on charge basis.

### Return of items

Authorization must be obtained from us before returning items for any reason. When applying for authorization, please include data regarding the reasons the items are to be returned.

Please note that we reserve the right to make improvements in design, construction and appearance of our products without notice.

## **SATO KEIRYOKI MFG. CO., LTD.**

3-4, Kanda-kajicho, Chiyoda-ku, Tokyo 101-0045 Japan

URL: <http://www.sksato.co.jp/english/>