

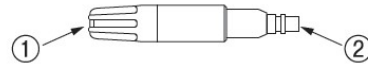
## Instruction Manual of Probes for Digital Thermohygrometer SK-110TRH-B

Read this manual thoroughly before use, and keep it for future reference.

### Names of Sections

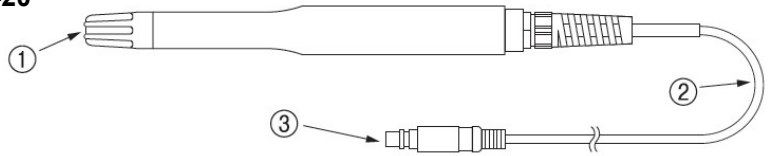
Plug-in Probe for SK-110TRH-B: Model **S110TRH-10**

- ① Probe part
- ② Connector to the main unit



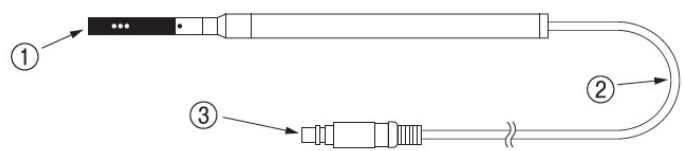
Wired Probe for SK-110TRH-B: Model **S110TRH-20**

- ① Probe part
- ② Cable
- ③ Connector to the main unit



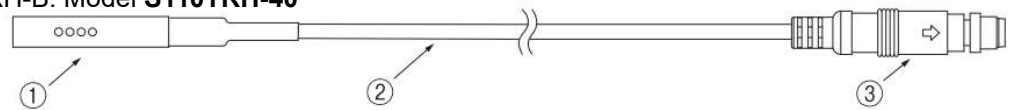
Telescoping Probe for SK-110TRH-B: Model **S110TRH-30**

- ① Probe part
- ② Cable
- ③ Connector to the main unit



Flexible Probe for SK-110TRH-B: Model **S110TRH-40**

- ① Probe part
- ② Cable
- ③ Connector to the main unit



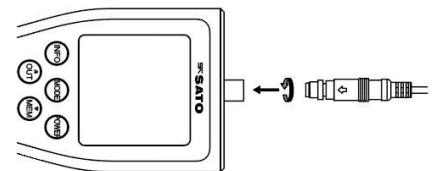
### How to Use

#### Connection of Probe:

While the main unit is turned off, insert the connector of the probe straight into the probe connector on the main unit so that an arrow mark on the probe faces forward. Turn the nut on the probe next until the probe is fixed.

Do not turn black elastic parts.

Refer to the manual for the main unit of SK-110TRH-B as well.



#### Sensor Filter:

An optional sensor filter sold separately can cover S110TRH-10/20 to resist a dusty environment.



#### Cautions

To use the probes for SK-110TRH-B properly, follow the instructions below.

- Do not use the probe in any non-standard atmosphere or submerged in liquids.
- Do not touch the humidity sensor with hands.
- Do not store in bubble buffers or antistatic bags, which have a distinctive color such as blue, pink, or rose pink in general. It may damage the humidity sensor.
- If the probe gets condensed with moisture, turn the power off immediately and dry it naturally under room temperature before use.
- Be sure not to burn yourself when measuring high temperature.
- Do not wet, give a heavy shock to, forcibly pull, disassemble, or customize the probe.
- For repair or calibration, contact us or a retailer from which you have purchased.

## Specifications

Product name	Plug-in Probe for SK-110TRH-B	Wired Probe for SK-110TRH-B	Telescoping Probe for SK-110TRH-B	Flexible Probe for SK-110TRH-B
Model name	SK-110TRH-10	SK-110TRH-20	SK-110TRH-30	SK-110TRH-40
Catalog no.	8141-10	8141-20	8141-30	8141-40
Range (T)	-10 to 60°C	-20 to 80°C		
Range (RH)	5 to 95%rh			
Accuracy (T)	±0.3°C (10 to 50°C), ±0.5°C (other)			
Accuracy (RH)	See below			
Storage ambient	-10 to 60°C, less than 85%rh without condensing			
Weight	13 g	68 g	107 g	31 g
Dimensions				
Probe part	Ø15 x 90 mm	Ø15-20 x 200 mm	Ø9-14 x 200 mm min., 930 mm max.	Ø9 x 35 mm
Cable	—	1.5 m long	0.7 m long min., 1.5 m long max.	1.6 m long
Materials				
Probe part	PC	PC	POM + SUS304	POM
Cable	—	PVC		
Connector	PVC			
Accessory	Instruction manual			

Note that probes are consumables which deteriorate over time, thus a regular recalibration and replacement are advised. Especially, the accuracy of the humidity sensor worsens for 0.5%rh per year even in a good condition.

Specifications and appearance are subject to change without notice.

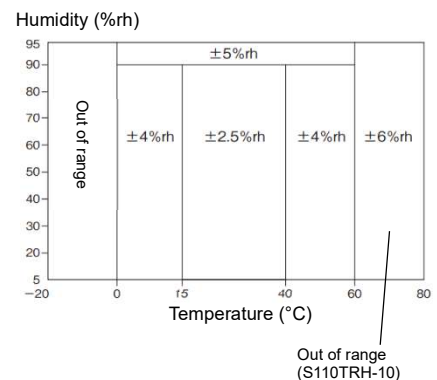
Visit our website <https://www.sksato.co.jp/en/> for the latest information.

## Warranty Policy

Our products are warranted to be free from defects in materials and workmanship for a period of one year from the date of delivery. If a defect is found within one year and is not the result of misuse, force majeure, or transportation arranged by yourself, please return the products on freight prepaid basis. Repair or replacement will be made without fee. Note that we alone will judge the cause of the defect.

Before returning, request for our acknowledgement first.

## Accuracy of Humidity



For details, contact us or a retailer from which you have purchased.

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