

## Assmann Type Psychrometer (AC/DC type) Model SK-RHG

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### Model SK-RHG

SK-RHG has been improved its operability and accuracy based on the Assmann psychrometer so far used. The relative humidity is given by converting the measured temperature values using Sprung's formula.

(Measuring range of thermometer: 0 to 50°C)

\* Other range -30 to 50°C is available.

### FEATURES

- Usable the Assmann psychrometer at any locations with a compact stand (Option).
- A water reservoir is equipped. Continuous observation is possible without supplying water for a long time.
- Usable with both of AC and DC powers.
- 2 batteries can put the fan in action to continuously ventilate for 20 hours at velocity of 3m/s or more
- Easy to install thermometers to the main body using a screw cap without a metal cap so far in use.
- No need to wrap the bulb with cotton gauze by use of an exclusive wick.

### Specifications

Model	SK-RHG
Measuring range	0 to 50°C : Dual-tube mercury filled thermometer (Min. graduation : 0.2°C)
Accuracy of thermometer	±0.2°C
Speed of air flow	3 m/s to 5 m/s
Power requirements	3 VDC ("D" size manganese battery x 2) or AC adapter (in 100 to 240VAC use, 50/60Hz)
Dimensions	(W)80 × (H)452 × (D)110mm
Weight	approx. 0.74 kg (without batteries)
Accessories	Test result for thermometers, water supply bottle, dustproof cover, humidity conversion rule, humidity conversion table, 20 wicks, 2 "D" size manganese batteries, AC adapter (in 100 to 240VAC use), carrying case (possible to accommodate all accessories and a compact stand)

## Option

\*Spare thermometers: a set of 2 pcs. with test result

Mercury filled thermometers			
	Range	Div.	Accuracy
No. 7450-50	0 to 50°C	0.2°C	±0.2°C
No. 7450-60	-30 to 50°C	0.2°C	±0.2°C
Alcohol filled thermometers			
No. 7450-67	0 to 50°C	0.2°C	±0.2°C
No. 7450-68	-30 to 50°C	0.5°C	±0.5°C

### \* Accessories

No. 7450-30 Compact stand in exclusive use for SK-RHG

No. 7450-40 Tripod in general use for Assmann Psychrometer

No. 7450-75 AC Adapter (in 100 to 240 VAC use)

### \* Consumables

No. 7450-70 Spare wicks in exclusive use for SK-RHG (60 pcs./box)