SEKONIC

Electric Hygro–Thermograph

ST-50A

B0951

NEW

CE / RoHS complied

High Reliability

Long term continuous recording

SEKONIC

Electric Hygro-Thermograph **ST-50A**

APPLICATIONS

Wherever you need manage, measure, control Temperature & Humidity…

* R&D
* PRODUCTION CONTROL
* QUALITY CONTROL
* FIELD MONITORING
* LABORATORIES
* STORAGE CONTROL etc…

<Example>
Pharmaceutical Industry
Food Processing Industry
Chemical Industry
Museum Fine Arts Gallery
Warehousing, Stockyard etc…

Put On Anywhere if You Want !

MAIN FEATURES

* Record Temperature and Humidity on Chart form (W:100㎜ x L : 12m) at site

<Sample>

* Electrical Temperature and Humidity sensor provides accurate measurement

* Durable for 6 months continuous recording with batteries (LR20 x 4)

* Strong Against Vibration

* Wide Range Recording
(−20℃ to 80℃ / −4 to 122˚F)

Measurement Methods	Temperature : Humidity :	Semiconductor Sensor High Molecular Electrostatic Capacity Sensor
Measurement Ranges	Temperature : Humidity :	−20 to 50℃ / −4 to 122˚F −20 to 80℃ / −4 to 176˚F (with sensor Extension Cable) 20 to 90%RH (No Condensation) 0 to 100%RH (with Sensor Extension Cable, No Condensation)
Display (LCD)	Resolution Temperature : Humidity : Others : Dew Point : Absolute Humidity : LCD Display	0.1℃ / 0.1˚F 0.1%RH −20 to 80℃ / −4 to 176˚F 0 to 100%RH (−80 to 80℃ / −112 to 170˚F) (0 to 290g/㎥) Battery Checker, Chart Speed, Setup Mode, etc
Recording (Chart form)	Chart Paper Working Width Feeding Feeding Accuracy	Z-Fold Type, 12m / 39.37feet (Length) 113㎜ / 4.44inch (Width) 100㎜ (3.93inch) for record both Temperature and Humidity Sprocket ±3㎜ / 0.12inch (at 12m / 39.37 feet. Long Recording)
Accuracy	Temperature Humidity	±1.0℃ / ±1.8˚F at 0 to 50℃ / 32 to 122˚F ±3%RH (at 25℃ / 77˚F) *Accuracy Guarantee Range on Humidity is 10 to 90%RH
Calibration	Temperature Humidity	1 Point 1 or 2 Point
Recording Range	User Selectable among ①②③ with Switch	*Temperature ①−20 to 80℃ / −4 to 176˚F ②0 to 50℃ / 32 to 122˚F ③±10℃, ±25℃, ±25˚F, or 50˚F *Humidity ①0 to 100%RH ②±10%RH or ±25%RH
Environmental Conditions	Ambient Temperature Humidity	−20 to 50℃ / −4 to 122˚F 20 to 90%RH (No Condensation)
Power Requirement	Battery AC Adaptor Inlet	LR20, 1.5V x 4pcs Input 9V 500mA
Dimension Weight	W x H x D (mm / inch), kg, lbs (Without Batteries)	300 x 245 x 105㎜ / 11.8 x 9.6 x 4.1 inch, 2.1kg 4.6lbs
Other Features		Desktop or Wall Mount Socket (2 holes) 3㎜ (0.13 inch) marking on Temperature / Humidity Recording Pen Position Adjustment Automatically, or with Switch
Standard Accessories		LR20, 1.5V x 4 1 Pcs Chart Paper 1 Pcs Blue / Red Fiber Tip Pen
Option Accessories		Sensor Extension Cable (5m / 16.40feet, 20m / 65.62feet, 50m / 164.04feet) Chart Paper (5 Sheets / Box) Chart Pen (2 Blue & 2 Red pens) / Box

Features and Specifications are subject to change without notice.