

SEKONIC

Electric Hygro-Thermograph

ST-50M

B08Z1

SD Card Recorder Built-in

CE / RoHS complied



High Reliability

Long term continuous recording

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

SD CARD Recorder



- * Record Temp./ Humid. in SD Storage!
- * Record Temperature and Humidity with same Chart form at site
- * Electrical Temperature and Humidity sensor provides accurate measurement
- * Durable for 6 months continuous recording with batteries (LR20x4)
- * Strong Against Vibration
- * Wide Range Recordings
- * Data can be saved to a memory card (SD Card)
- * Long term recording
- * Long-term stability, wide range measurement
- * Sensor cable extension

ST-50M Specifications

Measurement Methods	Temperature : Humidity :	Semiconductor Sensor High Molecular Electrostatic Capacity Sensor
Measurement Ranges	Temperature : Humidity :	-20 to 50°C / -4 to 122°F -20 to 80°C / -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 : Time : LCD Display	0.1°C / 0.1°F 0.1%RH -20 to 80°C / -4 to 176°F 0 to 100%RH (-80 to 80°C / -112 to 176°F) (0 to 290g/m ³) Year, Month, Date, Time (24 hours) Battery Checker, Alarm, Chart Speed, Setup Mode, etc
Recording (Chart form)	Chart Paper Working Width Feeding Feeding Accuracy	Z-Fold Type, 12m / 39.37feet (Length) 113mm / 4.45inch (Width) 100mm (3.94inch) for record both Temperature and Humidity Sprocket ±3mm / 0.12inch (at 12m / 39.37 feet. Long Recording)
Accuracy	Temperature Humidity	±1.0°C / ±1.8°F at 0 to 50°C / 32 to 122°F ±3%RH (at 25°C / 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°C / -4 to 176°F ②0 to 50°C / 32 to 122°F ③±10°C, ±25°C, ±25°F, or 50°F *Humidity ①0 to 100%RH ②±10%RH or ±25%RH
Storage	Storage Media Capacity of recording	SD CARD (128MB to 2GB) *1 Maximum 16 months (Recorded per 1 minutes)
Environmental Conditions	Ambient Temperature Humidity	-20 to 50°C / -4 to 122°F 20 to 90%RH (No Condensation)
Power Requirement	Battery AC Adaptor Inlet	LR20, 1.5V x 4 pcs Input 9V 500mA ⊕ ⊖ ⊕ ⊖
Dimension Weight	W x H x D (mm / inch), kg, lbs (Without Batteries)	300 x 245 x 105mm / 11.8 x 9.6 x 4.1 inch, 2.1kg 4.6lbs
Other Features		Desktop or Wall Mount Socket (2 holes) 3mm (0.12 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.
*1 : This SD recorder is not supported SDHC format (4GB or more)