SEKONIC

Electric Hygro−Thermograph

ST-50M

B08Z1

NEW

SD Card Recorder Built−in

CE / RoHS complied

SEKONIC
ST-50M HYGRO THERMOGRAPH

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（LR20 X 4）

＊Strong Against Vibration

＊Wide Range Recording

ST−50M Specifications		
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 ：Time ：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 176°F） （0 to 290g/㎥） 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）113㎜ / 4.45inch（Width） 100㎜（3.94inch）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
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℃ / −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㎜（0.12 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）