

Comparison tempmate.®-S Series



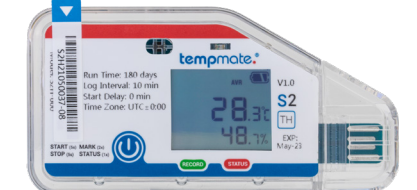
tempmate.®-S1

tempmate.®-S1 PRO T

tempmate.®-S1 PRO TH

tempmate.®-S2 T

tempmate.®-S2 TH



Picture

Recording Options	Single-Use	Single-Use	Single-Use	Single-Use	Single-Use
Temperature Range	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C
Temperature Accuracy	±0.5°C (-20°C/+40°C) ±1.0°C (other range)	±0.3°C (-30 to 70°C)	±0.3°C (-30 to 70°C)	±0.3°C (-20 to 40°C) ±0.5 (others)	±0.3°C (-20 to 40°C) ±0.5 (others)
Temperature Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C
Light Sensor	n/a	n/a	n/a	Yes	Yes
Humidity Sensor	n/a	Available with the tempmate.®-S1 PRO TH	Yes	Available with the tempmate.®-S2 TH	Yes
Humidity Range	n/a	Available with the tempmate.®-S1 PRO TH	0%rH to 100%rH	Available with the tempmate.®-S2 TH	0%rH to 100%rH
Humidity Accuracy	n/a	Available with the tempmate.®-S1 PRO TH	±3%rH (0% to 100%rH),	Available with the tempmate.®-S2 TH	±3%rH (20% to 80%rH), 5% others (at 25°C)
Humidity Resolution	n/a	Available with the tempmate.®-S1 PRO TH	1%rH	Available with the tempmate.®-S2 TH	0.1%rH
Data Storage	16.000 values	32.000 values (T)	32.000 values (each, T & TH)	32.000 values (T)	32.000 values (each, T & TH)
Display	n/a	n/a	n/a	Multifunction LCD	Multifunction LCD
Run Time (Logging Interval)	up to 110 days (10min.) = Standard Model, Other models only on request	Up to 200 days (10 min.) = Standard Model, Other models only on request	Up to 200 days (10 min.) = Standard Model, Other models only on request	Up to 180 days (10 min.) = Standard Model, Other models only on request	Up to 180 days (10 min.) = Standard Model, Other models only on request
Battery	CR2450	CR2450	CR2450	CR2450	CR2450
Dimensions	83 x 47 x 7 mm	86 x 40 x 8.7mm	86 x 40 x 8.7mm	93 x 47 x 8 mm	93 x 47 x 8 mm
Weight	14.6g	15.2g	15.2g	30g	30g
Protection Class	IP67	IP66	IP64	IP65	IP52
Connection Interface	USB 2.0, A-Type	USB 2.0, A-Type	USB 2.0, A-Type	USB 2.0, A-Type	USB 2.0, A-Type
Conformity	EN 12830, CE, RoHS, RTC DO-160	CE, EN12830, RoHS, FCC, RTC DO-160	CE, EN12830, RoHS, FCC, RTC DO-160	EN 12830, CE, RoHS, RTC DO-160	EN 12830, CE, RoHS, RTC DO-160
Software	PDF or CSV reader or tempbase.® -D / free download	PDF or CSV reader	PDF or CSV reader	PDF or CSV reader or tempbase 2 software / free download	PDF or CSV reader or tempbase 2 software / free download
Interface to PC	Integrated USB port	Integrated USB port	Integrated USB port	Integrated USB port	Integrated USB port
Reprogrammable	Yes, with tempbase software	Inbuilt offline configurator tool	Inbuilt offline configurator tool	Yes, with tempbase 2 Software	Yes, with tempbase 2 Software
Data Export	PDF & CSV	PDF & CSV	PDF & CSV	PDF & CSV	PDF & CSV
Alarm Configuration	Up to 5 points customizable, single or cumulative	Up to 6 points temperature	Up to 6 points temperature and 6 points humidity customizable	Up to 5 points customizable, single or cumulative	Up to 5 points temperature and 2 points humidity customizable
Packaging	Foil sealed	Hardcase with removable cap	Hardcase with removable cap	Hardcase with removable cap	Hardcase with removable cap