

YoYo YL-T16

Overview

The thermocouple data logger is suited for measuring temperature with the following thermocouple types: K, T, J, B, E, N, R and S.

The YL-T16 has two thermocouple inputs for measuring surface temperature, air temperature or product temperature.

The thermocouple logger has an integrated reference junction for temperature and delivers proper readings within a large temperature range. The resolution in the range of -100 to +1300°C is 0.05 K with an accuracy of $\pm 0.3K$. To get the overall accuracy simply add the figures for the thermocouple.



YL-T16	
Sensor type	2 x thermocouple inputs Type K, T, N, S, R, J, B, E
Temperature operating range with standard battery (CR2477N)	-30 to +70 °C
Temperature operating range with high temperature battery (CR2450HT)	-40 to +90 °C*
Temperature probe range / resolution / accuracy	-100 to +1300 °C / 0.05K / Class 1&2
Suitable thermocouples	Type K, T, J, B, E, N, R, S
Dimensions d x h (mm)	50 / 45
Memory capacity / optional upgrade	100,000 readings / 4 million readings
Interval	1 sec to 24h / Fastmode 4, 2Hz
Enclosure	Robust, shock-proof POM, protection class IP65
Standard lithium battery life	4 years @ 1 min / 230 days @ 10 sec / 25 days @ 1 sec
Included in delivery	Data logger, 1 battery, YoyoView Software, USB cable, manual, declaration of conformity
Optional	YoyoView Plus Software, calibration certificate, wall holder, lead seal kit

* Using the logger within the extended operating range requires the use of the CR2450HT battery.