



Temperature Data Logger EBI 12

for process validation in the dry heat autoclaves, steam sterilizers, washer disinfectors

RED LINE

EBI 12-T421

The EBI 12 data logger is distinguished by its low height, its fast response time and flexibility.

- Application range from -90 °C to 150 °C
- High temperature accuracy of up to 0.05 °C
- Version with two measuring channels
- Temperature probe 1.50 mm
- Flexible steel probes



Technical Data:

Operating temperature	-90 °C ... +150 °C
Measurement range	-200 °C ... +400 °C
Accuracy	± 0.5 °C (-90 °C ... -40 °C) ± 0.2 °C (-40 °C ... 0 °C) ± 0.1 °C (0 °C ... +120 °C) ± 0.05 °C (+120 °C ... +140 °C) ± 0.1 °C (+140 °C ... +150 °C) ± 0.5 °C (+150 °C ... +250 °C) ± 0.8 °C (+250 °C ... +400 °C)
Resolution	0.01 °C
Data memory	2x 50,160 measurements
Sensor	PT1000, class A
Measurement interval	250 ms ... 24 hours
Real-time data transmission	Yes
Storage temperature	-20 °C ... +70 °C
Measurement modes	<ul style="list-style-type: none"> • endless measurement • Measure upon starttime • Start immediately until end of memory • Start- / Stop measurement
Battery	Lithium, 3.6 V, User-replaceable
Dimensions	(Ø x H) 48 mm x 24 mm
Weight	App. 90 g
Housing material	316 L stainless steel / PEEK
Protection class	IP68
Factory Calibration Certificate	-20 °C, 0 °C, +60 °C and +134 °C

Standards and Directives:

- EN 285
Sterilization, steam sterilizers, medical equipment
- EN 13060
small steam sterilizers
- ISO 17665
Sterilization of health care products — Moist heat
- ISO 15883
Washer Disinfectors
- 2014/53/EU
Radio Equipment Directive RED

Type	Description	Part-No.
EBI 12-T421	L = 500 mm	1340-6630