



# Temperature Data Logger EBI 12

for process validation in steam sterilizers, washer disinfectors, endoscope washers

## RED LINE

## EBI 12-T240

The EBI 12 data logger is distinguished by 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 one measuring channel
- Temperature probe 1.50 mm
- Bendable metal probe

### Technical Specifications

Operating temperature	-90 °C ... +150 °C
Measurement range	-200 °C ... +200 °C
Accuracy	± 1.5 °C (-200 °C ... -90 °C) ± 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 ... +200 °C)
Resolution	0.01 °C
Data memory	100.320 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"> <li>• endless measurement</li> <li>• Measure upon starttime</li> <li>• Start immediately until end of memory</li> <li>• Start- / Stop measurement</li> </ul>
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-T240	L = 250 mm	1340-6611