Temperature Data Logger EBI 12

for process validation in the steam sterilizer, batch control in production

RED LINE

EBI 12-T470

The EBI 12 data logger is distinguished by its fast response speed and flexibility.

- Application range from -20 °C to 150 °C
- High temperature accuracy of up to 0.05 °C
- Version with four measuring channels
- Temperature probe 1.20 mm
- Flexible cable probe

Technical Data:

Operating temperature	-20 °C … +150 °C
Measurement range	-20 °C … +150 °C
Accuracy	± 0.2 °C (-20 °C … 0 °C) ± 0.1 °C (0 °C … +120 °C) ± 0.05 °C (+120 °C … +140 °C) ± 0.1 °C (+140 °C … +150 °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	• 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	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
- 2014/53/EU
  Radio Equipment Directive - RED

Type	Description	Part-No.
EBI 12-T470	L = 600 mm	1340-6640

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