

## EBI 11 Mini Data Loggers

### The Perfect Solution for Tight Spaces

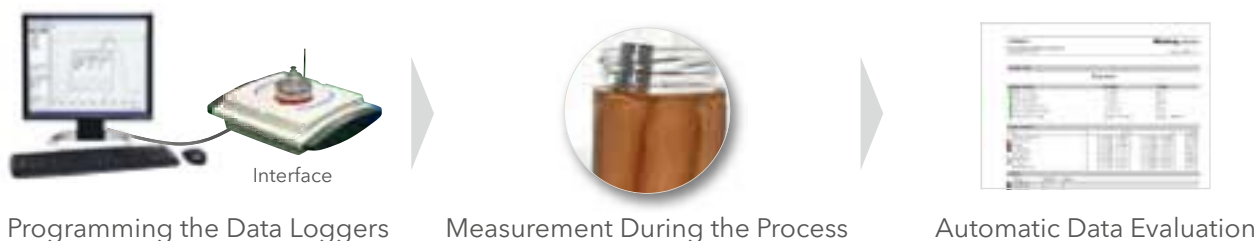
For temperature and pressure measurements in tight spaces, ebro offers the EBI 11 mini data loggers. Many configurations are available to suit your application, including data loggers with internal sensors, rigid metal probes, bendable metal probes, Luer-Lock connection or threaded connection versions.

The EBI 11 Mini Data Loggers are suitable not only for validation monitoring but can also be used for routine control monitoring. Please find more information starting on page 30.

Applications:

- For tight spaces, e.g. in small steam sterilizers, bottles, cans or bags
- Validation of steam sterilizers and autoclaves
- Validation of washer-disinfectors and washer-disinfectors for endoscopes
- Validation at canning etc.
- Pressure measurement up to 10 bar





**General technical specifications: valid for all EBI 11 logger types\***

Accuracy: Temperature	±0.1 °C
Resolution: Temperature	0.01 °C
Accuracy: Pressure (pressure data loggers only)	±15 mbar (0 mbar ... 4000 mbar) ±20 mbar (4000 mbar ... 10000 mbar)
Resolution: Pressure (pressure data loggers only)	1 mbar
Sensor: Temperature	Pt 1000
Sensor: Pressure (pressure data loggers only)	Piezo resistive pressure sensor (temperature compensated)
Sampling rate	1 sec to 24 hours., adjustable
Measurement mode	<ul style="list-style-type: none"> <li>• Endless measurement</li> <li>• Measurement start / stop time</li> <li>• Measure upon start time</li> <li>• Start immediately until end of memory</li> </ul>
Storage temperature	0 °C ... +60 °C (+32 °F ... +140 °F)
Battery	Lithium, 2 x BR1225 A, 3 V, user replaceable
Dimensions (Ø x h)	16.5 mm x 24 mm (without probe) <b>EBI 11-TP110:</b> 16.5 mm x 48 mm
Weight	Approximately 45 g
Housing material	V4A
Protection class	IP 68
Certificate	Factory calibration certificate

\* Please find the exact technical data of each EBI 11 logger type on the next pages.

## EBI 11-P100 Mini Pressure Data Logger

### Integrated sensor



- 1 internal pressure sensor, piezo resistive, temperature compensated

#### Technical Data

Measurement range: temperature	0 °C ... +150 °C (+32 °F ... +302 °F)
Measurement range: pressure	1 mbar to 10000 mbar
Data memory	2 x 7,500 measurement values
Operating temperature	0 °C ... +150 °C (+32 °F ... +302 °F)

Type	Description	Part No.
EBI 11-P100	Mini Pressure Data Logger, 1-channel	1340-6295

## EBI 11-P111 Mini Pressure Data Logger

### Luer-Lock connection



- 1 internal pressure sensor, piezo resistive, temperature compensated

#### Technical Data

Measurement range: temperature	0 °C ... +150 °C (+32 °F ... +302 °F)
Measurement range: pressure	1 mbar to 10000 mbar
Data memory	2 x 7,500 measurement values
Operating temperature	0 °C ... +150 °C (+32 °F ... +302 °F)

Type	Description	Part No.
EBI 11-P111	Mini Pressure Data Logger, 1-channel, Luerlock	1340-6296

## EBI 11-TP110 Mini Temperature / Pressure Data Logger

### M5 thread connection



- 1 internal temperature sensor
- 1 internal pressure sensor, piezo resistive, temperature compensated

#### Technical Data

Measurement range: temperature	0 °C ... +150 °C (+32 °F ... +302 °F)
Measurement range: pressure	1 mbar ... 10000 mbar
Data memory	2 x 7500 measurement values
Sensor: temperature	Pt 1000, internal
Sensor: pressure	Piezo-resistive, internal, temperature compensated
Operating temperature	0 °C ... +150 °C (32 °F ... +302 °F)

Type	Description	Part No.
EBI 11-TP110	Mini Temperature / Pressure Data Logger	1340-6297