

Mini-Temperature Logger

EBI 11



Technical Data	
Type	EBI 11-T230
Channels	1 temperature
Measuring range	0°C ... +150°C (32°F ... 302°F)
Accuracy	±0.1°C (±0.2°F)
Resolution	0.01°C (0.02°F)
Logging cycle	adjustable from 1 s to 24 h
Memory	15,000 values
Operating temperature	0°C ... +150°C (32°F ... 302°F)
Storage temperature	-30°C ... +150°C (-22°F ... 302°F)
Measuring sensor	1 temperature, external, axial, Ø 3 mm, probe length 20 mm
Sensor	PT1000
Memory mode	<ul style="list-style-type: none"> · endless measuring immediately · start immediately until end of memory · start / stop time · no measuring
Battery	exchangeable by user
Battery lifetime	0.1 s logging cycle: 64h 1 s logging cycle: 25 days 1 min logging cycle: 42 weeks 15 min logging cycle: 50 weeks
Dimensions	Ø 16.5 x 22 mm (without probe)
Housing material	V4A
Protection class	IP68

EBI 11



Applications		
<ul style="list-style-type: none"> • Determination of F-value in food / beverage production 	<ul style="list-style-type: none"> • Especially for small packaging • PE-value calculation 	<ul style="list-style-type: none"> • Temperature monitoring during storage and transport in close accuracy

Attributes		
<ul style="list-style-type: none"> • Space-saving, especially suitable for close quarters 	<ul style="list-style-type: none"> • Temperature resistant up to +150°C (302°F) • High accuracy 	<ul style="list-style-type: none"> • Factory calibration certificate • Programming and evaluation with PC

Description	Type	Part No.
Mini-temperature logger, 1-channel, external, Ø 3 mm, probe length: 20 mm	EBI 11-T230	1340-6290
Mini-temperature logger, 1-channel, external, Ø 3 mm, probe length: 50 mm	EBI 11-T231	1340-6292
Mini-temperature logger, 1-channel, external, Ø 3 mm, probe length: 100 mm	EBI 11-T233	1340-6293

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EBI 11 Mini-Temperature Logger Set

SL 4101

EBI 11 Mini-Temperature Logger Set for pasteurisation & bottle cleaning

The temperature-monitoring-system with EBI 11 Mini Data Logger

This set contains:

- Mini-Temperature Data Logger EBI 11-T23x:
- Needle length: 20 mm, 75 mm and 100 mm
(Special needle lengths by request)
- 1 x Bottle adapter set AL 115
- 1 x Interface EBI IF 100
- 1 x Software Winlog.pro
- 1 x Aluminum-case

Please name us the correct type of data logger in your order!

Mini-Temperature Logger, 1 channel	Type
Needle Length: 20 mm	EBI 11-T230
Needle Length: 50 mm	EBI 11-T231
Needle Length: 100 mm	EBI 11-T233



Description

EBI 11 mini-temperature logger set for pasteurisation & bottle cleaning

Type

SL 4101

Part No.

1340-6093



Mini-Temperature Logger

Accessories for EBI 11 Temperature Logger



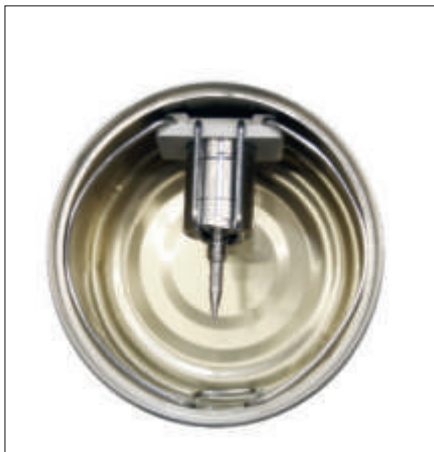
EBI 11-T230
EBI 11-T230: Ø 3 mm, probe length: 50 mm



Bag adapter - AL 114
Bag adapter for EBI 11



Can adapter - AL 114
Can adapter for EBI 11



Can adapter - AL 114
Can adapter for EBI 11

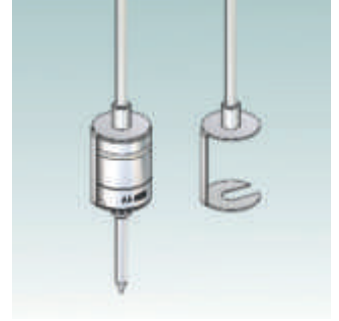
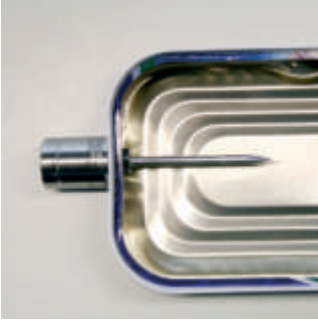


Bottle adapter - AL 115
EBI 11 T-230 (probe length: 20 mm) with bottle adapter



Bottle adapter - AL 115
Bottle adapter for EBI 11

Description	Type	Part No.
Battery exchange set for EBI 11 consisting of: 6 batteries, 3 lubricated o-rings, 1 crosstip screwdriver (without picture)	AL 113	1100-0120
Adapter set for EBI 11	AL 114	1340-6298
Bottle adapter set for EBI 11	AL 115	1340-6299



Accessories for EBI 10 and EBI 11

Accessories



Thermo-Silicone protection box AL 100

- protects temperature logger against heat peaks
- protects temperature logger against mechanical damage
- extends life of logger



Silicone protection box AL 101

- protects temperature/pressure logger against heat peaks
- protects temperature/pressure against mechanical damage
- extends life of logger



EBI TIB

- usable from +150°C ... +400°C (302°F ... 752°F)
- thermal protection of data loggers
- for **EBI 10** R-loggers
- stainless steel, 160 x 160 x 82 mm



Interface EBI IF 100 for EBI 10 and EBI 11

- USB connection
- colored LEDs signal the status (program, read out, error)
- incl. antenna **AL 111**
- works with: **Winlog.pro**



4-port interface EBI IF 200 for EBI 10

- USB connection
- colored LEDs signal the status (program, read out, error)
- incl. antenna **AL 111**
- works with: **Winlog.pro**



4-port interface IF 300 for EBI 11

- USB connection
- colored LEDs signal the status (program, read out, error)
- incl. antenna **AL 111**
- works with : **Winlog.pro**



Battery exchange set AL 103

Included: lubricated O-Ring, batteries, exchanging instruments, screwdriver, screw, operating instructions



AL 103

Battery exchange set AL 113 für EBI 11

Included: Batteries, exchanging instruments, lubricated oils



AL 113

Description	Type	Part No.
Thermo-silicone protection box (for EBI 10 - temperature)	AL 100	1340-6020
Silicone protection box (for EBI 10 - temperature and pressure)	AL 101	1340-6021
Thermal insulation box	EBI TIB	1340-1894
1-port interface for EBI 10 and EBI 11	EBI IF 100	1340-6001
4-port interface for EBI 10	EBI IF 200	1340-6002
4-port interface for EBI 11	EBI IF 300	1340-6003
Antenna, suitable for all interfaces	AL 111	1340-6006
Battery exchange set for EBI 10	AL 103	1100-0117
Battery exchange set for EBI 10 batteries, gaskets, fat) without fig.	AL 104	1100-0118
Battery exchange set for EBI 11	AL 113	1100-0120