

ebro® has expanded its range of measuring instruments in the food area even further:

ebro® Data Logger Family EBI 20

For comprehensive documentation and monitoring of temperature, pressure and humidity in store rooms, in cooling and deep-freeze chambers and und during food transport.





EBI 20

max °C

23.4

-ebro-

START

EBI 20

max °C

32.4

-ebro-

START

EBI 20

max °C

32.4

-ebro-

START

EBI 20

max °C

24.0

-ebro-

START

Temperature Logger

EBI 20-T



Technical Data	
Type	EBI 20-T
Measuring range	-30°C ...+60°C (-22°F ... 140°F)
Accuracy	±0.5°C (-20°C ...+40°C) / ±0.9°F (-4°F ... 104°F) ±0.8°C (±1.4°F) for remaining measuring range
Resolution	0.1°C (0.2°F)
Memory	1 channel; 8000 values
Sensor	NTC
Operating temperature	-30°C ...+60°C (-22°F ... 140°F)
Measuring rate	1 min ...24 h
Measuring mode	Automatic with loop, start/stop or start with set measuring rate
Battery	3V lithium (CR2450), changeable
Battery life	> 24 months, at 15 min measuring rate at 25°C (77°F)
Protection class	IP 67
Housing	ABS
Dimensions	69 x 48 x 22 mm
Weight	45 g

EBI 20-T

EBI 20-T



Applications		
<ul style="list-style-type: none"> Reliable temperature recording Transport 	<ul style="list-style-type: none"> Storage monitoring Refrigerating and cooling rooms 	<ul style="list-style-type: none"> Refrigerated display cases According to DIN EN 12830

Attributes		
<ul style="list-style-type: none"> Excellent price/performance ratio Waterproof 	<ul style="list-style-type: none"> Visual alarm Min/Max values on display 	<ul style="list-style-type: none"> Replaceable battery Logger Set available with evaluation software and interface

Description	Type	Part No.
Temperature Logger	EBI 20-T	1601-0000
Starter-Set (logger, evaluation software, interface)	EBI 20-T-Set	1601-0005
EBI 20 wall bracket	EBI 20-WM	1601-0030
EBI 20 truck wall bracket	EBI 20-WM	1601-0033

Comments
ISO-calibration certificate available for additional charge.

Temperature Logger with external probe

EBI 20-TE

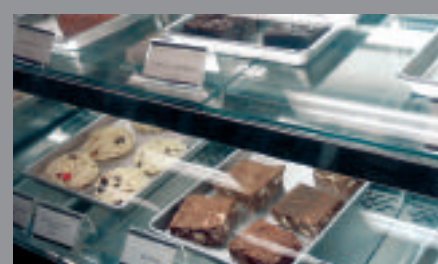
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EBI 20-TE

Technical Data

Type	EBI 20-TE
Measuring range	-30°C ...+60°C (-22°F ... 140°F)
Accuracy	±0.5°C (-20°C ...+40°C) / ±0.9°F (-4°F ... 104°F) ±0.8°C (±1.4°F) for remaining measuring range
Resolution	0.1°C (0.2°F)
Memory	1 channel; 8000 values
Sensor	NTC
Operating temperature	-30°C ...+60°C (-22°F ... 140°F)
Measuring rate	1 min ...24 h
Measuring mode	Automatic with loop, start/stop or start with set measuring rate
Battery	3V Lithium (CR2450), changeable
Battery life	> 24 months, at 15 min measuring rate at 25°C (77°F)
Protection class	IP 67
Housing	ABS
Dimensions	69 x 48 x 22 mm
Weight	45 g



Applications

- Reliable temperature recording
- Core temperature measurement
- Transport
- Storage monitoring
- Cooling chambers and freezers
- Refrigerated display cases
- According to DIN EN 12830

Attributes

- External probe for measurement of core temperature
- Excellent price/performance ratio
- Automatic collection of the temperature data
- Stores up to 8000 values, readable at any time
- No mains connection necessary
- Programming and evaluation via PC
- Waterproof

Description	Type	Part No.
Temperature Logger with external probe	EBI 20-TE	1601-0002
Starter-Set (logger, evaluation software, interface)	EBI 20-TE-Set	1601-0007
EBI 20 wall bracket	EBI 20-WM	1601-0030
EBI 20 truck wall bracket	EBI 20-WM-1	1601-0033

Comments

ISO-calibration certificate available for additional charge.

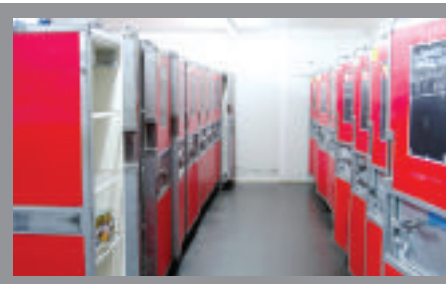
Temperature-Humidity Logger

EBI 20-TH



Technical Data	
Type	EBI 20-TH
Temperature range	-30°C ... +60°C (-22°F...+140°F)
Humidity measuring range	0% ... 100% rH
Temperature accuracy	±0.5°C (-20°C ... +40°C) / ±0.9°F (-4°F...+104°F)
	±0.8°C (±1.4°F) for remaining measuring range
Humidity accuracy	±3% rH (10% ... 90%)
Resolution Temperature	0.1°C (±0.2°F)
Resolution Humidity	0.1% rH
Memory	8000 values
Sensor	NTC for temperature / capacitive humidity sensor
Operating temperature	-30°C ... +60°C (-22°F...+140°F)
Storage temperature	-40°C ... +70°C (-40°F...+158°F)
Measuring rate	1 min ... 24 h
Measuring mode	Immediate loop measurement, measurement from starting point, start immediately until memory full, start/stop measuring, start when button pressed
Battery	3V Lithium (CR2450), changeable
Battery life	> 24 Months, at 15 min measuring rate at 25°C (77°F)
Protection class	IP 52
Housing	ABS
Dimensions	69 x 48 x 22 mm
Weight	45 g

EBI 20-TH



Applications		
<ul style="list-style-type: none"> Reliable temperature recording 	<ul style="list-style-type: none"> Storage monitoring Transport 	<ul style="list-style-type: none"> Cooling chambers and freezers

Attributes		
<ul style="list-style-type: none"> Excellent price / performance ratio Waterproof 	<ul style="list-style-type: none"> Visual alarm Min/Max values on display 	<ul style="list-style-type: none"> Replaceable battery

Description	Type	Part No.
Data logger for temperature and humidity	EBI 20-TH	1601-0050
Data logger for temperature and humidity-Set (logger, evaluation software, interface)	EBI 20-TH-Set	1601-0055
EBI 20 wall bracket	EBI 20-WM	1601-0030
EBI 20 truck wall bracket	EBI 20-WM-1	1601-0033

Comments
 ISO-calibration certificate available for additional charge.

Data logger for Temperature, Humidity and Pressure

EBI 20-THP



Technical Data

Type	EBI 20-THP
Temperature range	-30°C ... +60°C (-22°F...+140°F)
Humidity measuring range	0 % rH ... 100 % rH
Pressure range	700 mbar ... 1200 mbar
Temperature accuracy	±0.5°C (-20°C ... +40°C) / ±0.9°F (-4°F...+104°F) ±0.8°C (±1.4°F) for the remaining measuring range
Humidity accuracy	±3 % rH (10% rH ... 90 % rH)
Pressure accuracy	±5 mbar (0°C ... 60°C) / (32°F ... +140°F)
Resolution	0.1°C (±0.2°F)
Memory	12.000 values; 4.000 values pro channel
Channel	1 Temperature 2 Humidity 3 Pressure
Sensor	NTC, capacity humidity sensor, absolute pressure sensor
Operating temperature	-30°C ... +60°C (-22°F...+140°F)
Measuring rate	1 min ... 24 h
Measuring mode	Automatic with loop, Start-/Stop-measuring
Battery	3V Lithium (CR2450), changeable
Battery life	> 24 Months, at 15 min measuring rate at 25°C (77°F)
Protection class	IP 52
Housing	ABS
Dimensions	69 x 48 x 22 mm

EBI 20-THP



Applications

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> Reliable temperature, humidity and pressure recording | <ul style="list-style-type: none"> Transport Storage monitoring Cooling chambers and freezers | <ul style="list-style-type: none"> Laboratory Clean rooms |
|---|--|---|

Attributes

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> Excellent price / performance ratio Automatic collection of the temperature data, humidity and pressure | <ul style="list-style-type: none"> Stores up to 12.000 values, readable at any time | <ul style="list-style-type: none"> No mains connection necessary Programming and evaluation via PC |
|--|--|--|

Description	Type	Part No.
Data logger for temperature, humidity and pressure	EBI 20-THP	1601-0060
Data logger for temperature, humidity and pressure-Set (logger, evaluation software, interface)	EBI 20-THP-Set	1601-0065
EBI 20 wall bracket	EBI 20-WM	1601-0030
EBI 20 truck wall bracket	EBI 20-WM-1	1601-0033

Comments

ISO-calibration certificate available for additional charge.