xylem



Monitoring of Cold Chain and Production

DATA COLLECTION ACCORDING TO GXP AND FDA GUIDELINES

-ebro-
a xylem brand

2020

To ensure your quality

By using the right measuring devices, a high and constant product quality can be guaranteed. This often requires checks in the incoming goods department, during processing, on the finished end product as well as during storage and logistics. Xylem Analytics, offers you the necessary measuring devices that are suitable for use in the GxP environment, as well as software solutions for your diverse applications. You can find a selection of applications and devices here:

Which device is right for you?

	TMX 3x0/4x0	EBI 20 Series
Measurement		
For direct measurement	✓	✓
For monitoring		✓
Cool Chain Control		
Refrigerator temperature control	✓	✓
Warehouse monitoring		✓
Logistics		✓
Mappings		✓
Laboratory		
Clinical Trails	✓	✓
Temperature control in refrigerators	✓	✓
Incubators	✓	✓
Process Control		
Process validation		
Qualification		
Steamsterilization		
H_2O_2 and EtO Sterilization		
Depyrogenation / heat tunnel		

For more information in our catalogues.

Visit us at
www.ebro.com
for many more products!



EBI 300 Series	EBI 25 Series	EBI 310 Series	EBI 11 Series	EBI 12 Series
✓		✓		
✓	✓	✓	✓	✓
✓	✓	✓		
✓	✓	✓		
✓		✓		
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓		
✓	✓	✓		
			✓	✓
		✓	✓	✓
			✓	✓
				✓
				✓



Data Logger to measure during manufacturing

EBI 11 Series



Mappings, clinical trails, process validation and qualification and steam sterilization

The EBI 11 offers:

- Small data logger for applications with little space
- 16.5 mm diameter
- Measuring range of -30 °C to +150 °C
- Logger to measure temperature and / or pressure available
- Calibration certificate included
- Stainless steel (V4A) housing
- Sets with interface, software and accessories for various applications are available.
- Winlog.pro software for evaluation
- Waterproof housing (IP68)
- Prepared IQ / OQ documents are available for Winlog.pro software
- FDA 21 CFR part 11 compliant



Process data logger

EBI 12 Series



Mappings, clinical trails, process validation and qualification, steam sterilization, H_2O_2 and EtO sterilization and depyrogenation / heat tunnel


CERTIFICATE

The EBI 12 offers:

- Logger to measure temperature, pressure, humidity, conductivity and precise vacuum
- Large selection of different types
- Calibration certificate included
- Stainless steel (V4A) housing
- Sets with interface, software and accessories for various applications are available.
- TÜV certified Winlog.validation software for evaluation
- Waterproof housing (IP68)
- Prepared IQ / OQ documents are included in the Winlog.validation software package
- FDA 21 CFR part 11 compliant



Digital Refrigerator Thermometer

TMX 3x0 and 4x0
Min/Max Alarm Thermometer with external probe



For temperature control in refrigerators, laboratory and clinical trails.

The TMX 3x0 / 4x0 offers:

- Observe two temperature zones with one device
- Easy usage
- Reliable control
- Acoustic alarm for active alarm management
- Optical alarm to see how long the problem occurs





Standard Cold Chain Data Logger

EBI 20 Series
Robust Basic Data Logger



For temperature control in refrigerators, warehouse monitoring and logistic control, mappings, laboratory and clinical trails.

The EBI 20 offers:

- Data logger versions for temperature and humidity measurements available
- With external or internal temperature probe
- LED shows if a limit has been exceeded
- Measurement range of -30 °C to +100 °C
- User replaceable battery
- 2 point calibration certificate included
- Interface and Desktop software are necessary
- Winlog.basic software free of charge
- Waterproof housing (IP 67) except for humidity logger



PDF - Cold Chain Data Loggers with USB connector

USB Data Logger EBI 3x0 Series
Continuous temperature monitoring sensitive goods



For temperature control in refrigerators, warehouse monitoring and logistic control, mappings, laboratory, clinical trails and for device qualification.

The EBI 3x0 offers:

- USB-A connector enables you to read the logger out on every windows based PC worldwide without the need of an interface
- Automatic PDF generation without software
- Configuration via the website www.ebi300.com or the free desktop software Winlog.basic
- LED shows if a limit has been exceeded
- Measurement range of -30 °C to +70 °C
- Several external penetration probes available
- Digital humidity probes available
- User replaceable battery
- 3 point calibration certificate included
- Waterproof housing (IP 65)



Wireless Cold Chain Monitoring System

EBI 25 Series
Automated data collection and processing



For temperature control in refrigerators, warehouse monitoring, climatic chambers and stability spaces, laboratory, incubators, mappings and clinical trails.

The EBI 25 offers:

- Data logger versions for temperature and humidity measurements available
- With external or internal temperature probe
- Measurement range of -200 °C to +199.9 °C
- User replaceable battery
- Alert notification by email
- 2 point calibration certificate included
- Interface and webbased software are necessary
- Winlog.web software
- FDA 21 CFR part 11 compliant
- Waterproof housing (IP 67) except for humidity logger



KompetenzCentrum ebro®

Theory and practice are the key to our successful transfer. Our instructors are all experts in their own fields. The aim is to achieve an in-depth understanding of hardware and software alike.

www.ebro.com/en/training

Founded in 1968, in its more than 50-year history, ebro® has specialized in high-quality measurement technology such as handheld instruments, thermometers and data loggers. Are you looking for devices and software to measure temperatures, humidity, pH, oil qualities, pressure and Brix? Then you have found your partner with ebro®. From measurement to recording to evaluation, we offer you quality products and solutions tailored to your requirements.

xylem
Let's Solve Water

Xylem Analytics Germany Sales
GmbH & Co. KG, ebro
Peringerstr. 10
85055 Ingolstadt
Germany

Tel +49 841 95478-0
Fax +49 841 95478-80
Internet: www.ebro.com
E-Mail: ebro@xyleminc.com

ebro is a registered trademark of Xylem Inc. or one of its subsidiaries.
Technical changes reserved.
© 2020 Xylem Analytics Germany Sales GmbH & Co. KG. 1347-0097 February 2020