

NEW: Realtime Monitoring during Routine Controls and Validation in the CSSD

The new EBI 10 wireless data logger generation from ebro®

With its innovative technology, the new EBI 10 data logger family from ebro® Electronic in Ingolstadt makes wireless realtime routine controls and validation of washer disinfectors and steam sterilizers in the CSSD possible.

Because the EBI 10 can transmit measured data out of a closed washer disinfectant or steam sterilizer, the user is able follow the process live on his PC screen and can stop a faulty process immediately, if necessary, saving much work and time.

Typical applications EBI 10 wireless loggers are:

- Routine controls and validation of washer disinfectors according to ISO
- Routine controls and validation of steam sterilizing processes according to DIN EN 554 und ISO 17665

The absolutely waterproof and steamproof EBI 10 (IP 68) has a temperature measuring range from 0°C ... +150°C and a pressure measuring range from 1 mbar ... 3500 mbar. Its memory capacity is 30.000 measurements, making it possible to record an up to 8 hour long process at a measuring rate of currently 1 second.

ebro® engineers are working on an increasingly precise measuring rate of 0,1 second in order to record even smallest process changes. The very high temperature and pressure accuracy of $\pm 0,05^{\circ}\text{C}$ or ± 15 mbar is documented by the ISO certificate that is supplied with every EBI 10 data logger.

The data logger is run with the special EBI 10 interface that has an integrated antenna and transmits on the world-wide certified frequency 2,4 GHz. The application of the EBI 10 is problem-free because it conforms to IEEE 802.15.4. Standard.

Winlog.pro, a newly developed ebro® software, completes the EBI 10 wireless system. Winlog.pro evaluates the recorded data, calculates the A_0 value automatically and is suitable for routine controls in washer disinfectors and steam sterilizers. For validation purposes, users can rely on the proven ebro® software Winlog.med Validation.

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