



BlueLine®

FlowTemp® STx

Volume flow & temperature measuring



Revolutionary technology

No more hassle with large thermometers and other cumbersome equipment. With FlowTemp® STx it is no longer necessary to stare at scales which often fog up and are hard to read.

FlowTemp® STx measures the temperature (°C) and the volume flow (l/min) simultaneously, fast and precise. The automatic Bluetooth® connection ensures a quick measurement start and a clear indication of the current measured values via the proven BlueLine® measuring instruments.

After a measurement the values can be transmitted wirelessly and processed in a variety of ways, for example with the MicroSD card or the QR code generator.

With the free EuroSoft® live app the FlowTemp® STx also connects to the smartphone or tablet. You can conveniently visualise and process the measured values on these devices and convert them into measurement logs.



■ Easy handling

Automatically connect to your equipment and you are ready to measure.

■ Fast results

No complicated measuring procedures since volume flow and temperature are measured and documented simultaneously.

■ TÜV-tested

Temperature and flow measurement verified by TÜV SÜD Industrie Service according to Test Report No. S1217-00/15.

■ Compact

With its low height of approx. 15 cm, the device allows to take measurements at low water tap.

■ Protected technology

Unique measuring technology.

■ Superior quality

Developed and manufactured in Germany. Proven technology „made in Germany“.

■ Latest Bluetooth® technology

Transmission without loss of connection, even over greater distances, at the same time low energy consumption. Bluetooth® transmits your measured values reliably and without errors.

■ Intelligent data processing

No more handwritten transcriptions. Evaluations are easier than ever with the free EuroSoft® live app.

Applications:

Thermal disinfection to prevent legionella

Legionella are bacteria growing in water pipes. They can cause legionellosis in persons with a weak immune system. Prevention is therefore important, for example in hospitals, retirement homes or hotels, but also in private homes. Thermal disinfection can help against legionella. This type of disinfection can be monitored and documented with FlowTemp® STx.

For thermal disinfection, the complete drinking water installation should be heated up. Each water tap must be opened for at least 3 minutes to heat up to at least 70 °C and the outlet temperature must be checked at each water tap. Regular flushing of the water taps can prevent legionella. (DVGW worksheet W 557)

Risk analyses of drinking water supply systems

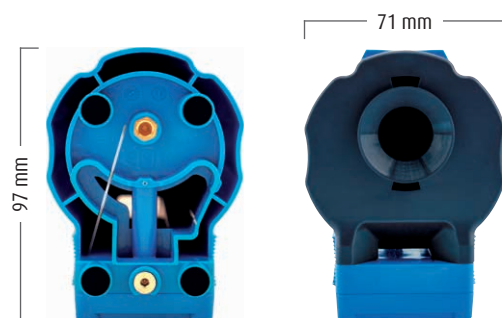
The risk analysis represents a modern approach to determining the level of provision of drinking water supplies for the consumers and the safety of the whole drinking water supply system. The FlowTemp® STx determines water temperatures after a certain amount of water or after defined times. All the data can be monitored and documented in the EuroSoft® live app.

General specifications

Weight	approx. 370 g
Material housing	Plastic (PC+ABS)
Measurement units	l/min, l/h, l/s, m³/s
Storage temperature	-20 °C to +80 °C
Data interface	Bluetooth®
Battery type	2x AAA batteries (Micro)
Operating time	up to 50 hours (measurement)
Ingress protection rating	IP65 and IP67 (indoor as per IEC 60529)

Technical specifications

	Temperature	Volume flow
Measuring ranges	+5 °C to +80 °C	1.5 to 17.5 l/min
Accuracy	±1 °C or ±3 % RDG	±0.3 l/min or ±5 % RDG
Resolution	0.1 °C	0.1 l/min
Response delay (t90)	< 5 s	< 10 s





Distributor:

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Messtechnologie

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