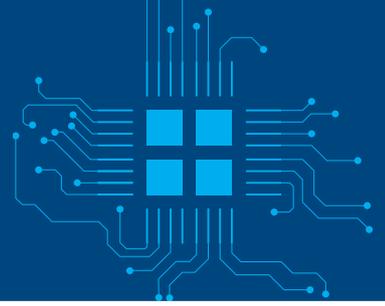


FlowTemp[®] ST

Flow rate and temperature measuring instrument



 Flow rate (l/min)

 Temperature (°C)

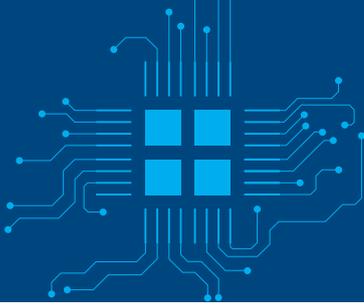
 Intelligent evaluation

 Compact

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Application

Measuring the heat capacity of gas-fuelled or electrically driven tankless water heaters and the determination of the efficiency directly at the water tap are revolutionised by FlowTemp® ST. FlowTemp® ST measures the flow rate (l/min) and the temperature (°C) simultaneously - fast and precise.

The device can be used to verify correct operation of tankless water heaters and of hot water meters. Even thermal disinfection to prevent legionella can be monitored and documented with FlowTemp® ST.



Revolutionary technology

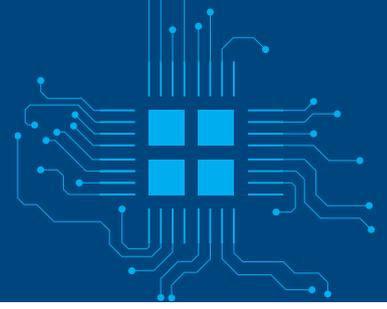
No more hassle with large thermometers and other cumbersome equipment. With FlowTemp® ST, it is no longer necessary to stare at scales which often fog up and are hard to read. FlowTemp® ST transmits the data using latest Bluetooth Smart technology. The measured values are available on various devices of the BlueLine series, on the smartphone and on the tablet. You can display and process the measured values on your device and directly print them via a EUROprinter.



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Dimensions



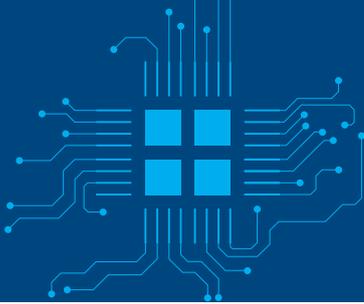
Specifications

Measurement	Temperature	Volume flow
Measuring ranges	0 °C ... + 100 °C	1.5 ... 17.5 l/min
Resolution	0.1 °C	0.1 l/min
Accuracy	± 2°C oder ± 3% v. Mw.	± 0.3 l/min oder ± 5 % v. Mw.

Technical specifications

General specifications

Weight	Approx. 370 g
Material	Plastic (PC+ABS)
Response delay (T90)	Volume flow: T90 < 10 s Temperature: T90 < 40 s
Temperature water	0° C to +100°C
Storage temperature	-20 °C to +80 °C
Data interface	Bluetooth Smart (BLE)
Measurement units	l/min, l/h, l/s, m³/s
Power supply	2 x AAA (Micro)
Battery time (measurement)	Up to 50 hours
Degree of protection	IP 65 and IP67 (indoor as per IEC 60529)



New technology and proven quality

Crystal clear indication of the measured values via the proven BlueLine measuring instruments. Automatic Bluetooth® Smart connection for fast measurement start. The measured values can be read during measurements via the connected BlueLine measuring instrument.

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

With a EUROprinter, the results can be printed on self-adhesive labels or thermal paper.

BlueLine®



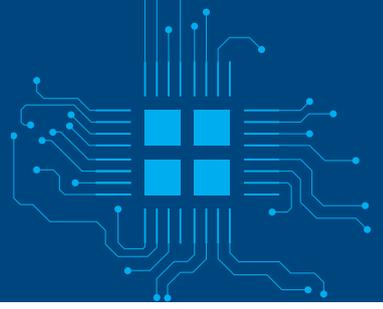
Next-generation evaluation - CAPBs® App

With the intelligent Bluetooth® Smart technology, FlowTemp® ST also connects to your smartphone, tablet or notebook. You can conveniently visualise and process the measured values on these devices and convert them into measurement logs.



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NEW

The first CAPB - measuring instruments for your pocket

A separate and maybe large and difficult-to-handle measuring instrument for each task? These times are over. With the new CAPBs® series, you only need a single BlueLine series measurement for your measurements. These system modules for diverse measured parameters in conjunction with the BlueLine series of measuring instruments or Apps for your smartphone or tablet measure flow, temperature, humidity, air velocity, pressure and many other parameters while being compact and easy to handle.

The CAPBs® rapidly connect to a device of the BlueLine series and then measure rapidly and with maximum accuracy. The measured values are displayed and processed with our App on your smartphone/tablet or notebook. Curious? Visit our website www.flowtemp.de.

Compact

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

Error prevention with digital data transmission

No handwritten transcription required. Bluetooth® Smart transmits your measured values reliably and without errors.

Easy handling

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

Intelligent data processing

No more handwritten transcriptions. Evaluations are easier than ever with the FlowTemp® ST App.

Fast results

No complicated measuring procedures since flow rate and temperature are measured simultaneously and the heat capacity is calculated.

Superior quality

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

TÜV-tested

For reliable acquisition of measured values.

Protected technology

Unique measuring technology.

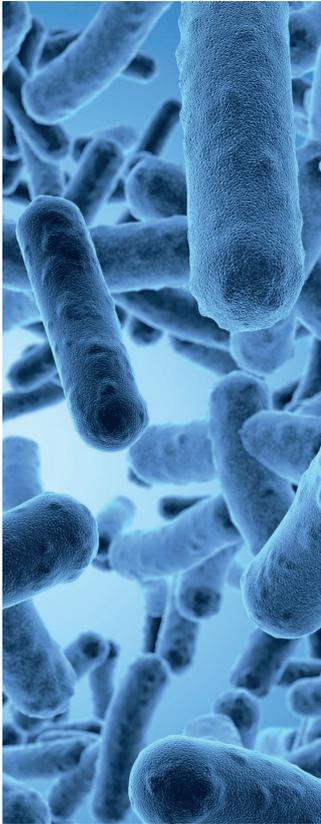
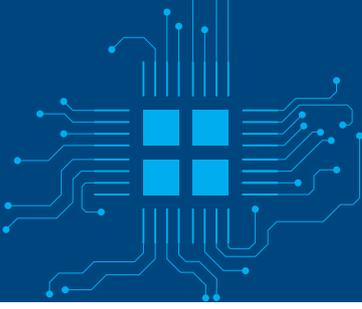


Latest and safety Bluetooth® technology

No hassle with lost connections, even over greater distances, at the same time low energy consumption.

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Legionella - the invisible danger in the water tap

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® ST.



Thermal disinfection of water installations to prevent legionella

For thermal disinfection, the complete drinking water installation should be heated up to at least 70°C. Each water tap must be opened for at least 3 minutes to heat up to 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).

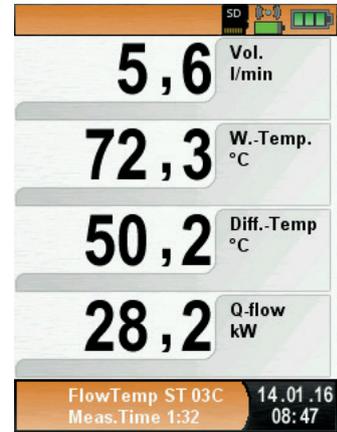
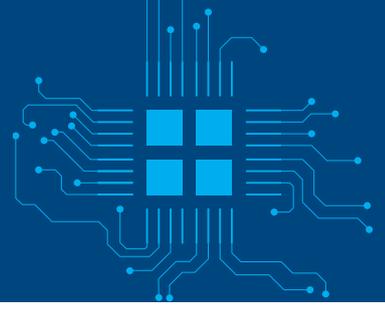


Saving money by calculating the heat capacity

Old pipes, defective water boilers or old fittings can considerably reduce the heat capacity so you pay for something you do not get in your washbasin.

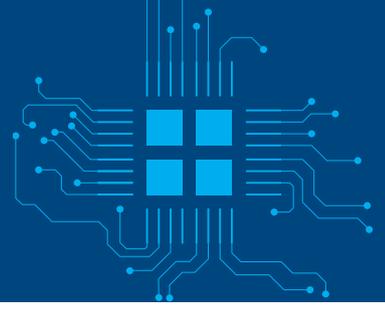
FlowTemp® ST calculates the heat capacity really available at the water tap and allows you to detect energy losses.

Measure - Detect - Save



Manual transcription of measured values? Not with FlowTemp® ST
FlowTemp® ST lets you display and immediately process the measured value on your smartphone, tablet or notebook.
Reading errors or incorrect manual transcription of values are reliably prevented by the transmission of measured values via Bluetooth.





SYSTRONIK

SYSTRONIK GmbH is a specialist in the development and production of high-quality measuring instruments for flue gas analysis, inspection and maintenance of HVAC systems as well as ventilation and environmental technology.

All SYSTRONIK products meet the highest standards in terms of quality, reliability and safety. The company is ISO 9001-certified. We are striving to even further improve our quality, for example by regular audits through independent experts.



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