



CAPBs®

Flow rate and temperature measurement FlowTemp® ST

Application

- Verification of performance key "NL" of accumulator and continuous capacity
- Function checks of decentralised drinking water heaters
- Checking the output capacity of heat exchangers
- Inspection of heat exchangers
- Function tests of circulation lines
- Inspection of fittings (minimum volume flow)
- Determination of the water temperature at water taps
- Inspection of thermal mixing valves
- Acceptance tests of newly installed drinking water installations
- Verification and documentation of thermal disinfection

Description Sensor module for continuous, simultaneous determination of flow rate (l/min) and temperature (°C) in water applications. The flow rate is measured with a high-precision capacitance flow sensor, the temperature with a PT1000 module. Both sensors are integrated in a robust housing made of high-quality plastic with degree of protection IP 67. Thanks to the compact design, measurements at low water fittings are very convenient. The device is tested as per TÜV report S1217-00/15. The measured data is transmitted to the BlueLine measuring instruments Bluealyzer ST, Eurolyzer STx, Multilyzer STe/STx, series S4600 ST, TMD 9 or to a mobile device via the integrated Bluetooth® Smart interface.

Technical specifications

Dimensions

W x H x D: 71 x 158 x 97 mm

Weight

370 g

Interface

Bluetooth® Smart

Measuring ranges

Flow rate: 1.5 / 17.5 l/min
Temperature: 5 / 100 °C

Accuracy

Flow rate: ± 0.3 l/min or ± 5 % of measured value
Temperature: ± 2 °C or ± 3 % of measured value

Resolution

Flow rate: 0.1 l/min
Temperature: 0.1 °C

T₉₀

10 s (≤ V0.3.0)

Sensor

Capacitance sensor
PT 1000

Sampling rate

1 sec

Further information:



www.flowtemp.st



DG: H, PG: 4	Part no.	Price €
Flow rate/temperature measuring instrument FlowTemp® ST	502001	