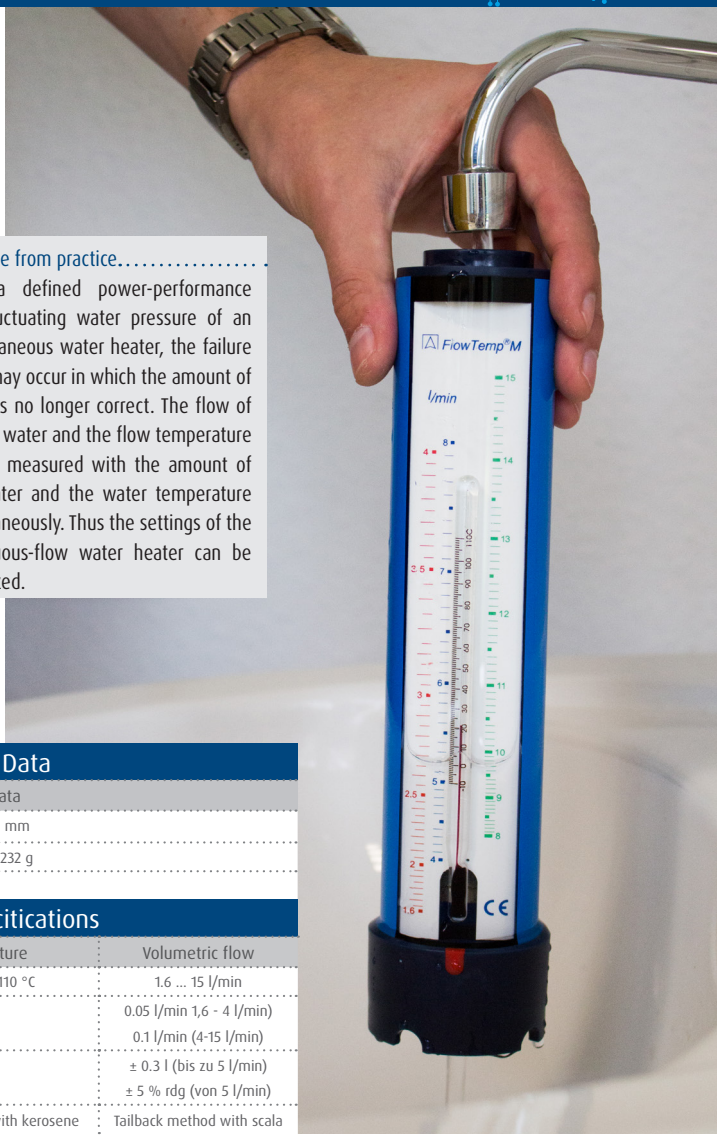
FlowTemp M



Example from practice

With a defined power-performance and fluctuating water pressure of an instantaneous water heater, the failure state may occur in which the amount of water is no longer correct. The flow of heated water and the flow temperature can be measured with the amount of hot water and the water temperature simultaneously. Thus the settings of the continuous-flow water heater can be optimized.

Technical Data

General Data	
Dimensions Hosing (H x ∅)	250 x 58 mm
Weight	Approx. 232 g
Material	Plastic

Technical Specitications

Measurement profile	Temperature	Volumetric flow
Measuring range	-10 °C ... + 110 °C	1.6 ... 15 l/min
Resolution	1 °C	0.05 l/min 1,6 - 4 l/min) 0.1 l/min (4-15 l/min)
Accuracy	± 2°C	± 0.3 l (bis zu 5 l/min) ± 5 % rdg (von 5 l/min)
Measuring principle	Glass tube filled with kerosene	Tailback method with scala

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Short manual

Selection of the appropriate measuring range:
Select the appropriate range by adjusting the outlet opening before measuring.

Available settings	
Outletopenings	Volumetric flow
Red	1.6 - 4 l/min
Blue	4 - 8 l/min
Green	8 - 15 l/min

The measurement results may be falsified under certain circumstances by an incorrect setting of the outlet opening. Likewise, it is the reading of the measured values to consider the parallax error.

During the measurement please hold the FlowTemp M vertically under the water jet. An oblique position of the FlowTemp M can initiate unwanted measurement errors.

The FlowTemp M can be used for concurrently measurement of water temperature and water flow.

Warning: Water temperature above 50°C can cause burns on the skin.

Note: During the measurements of hot water the display scale could be clouded by condensing steam. This can be prevented by previously dipping of the Flow Temp M in warm water for acclimatization.

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