

BioProTT™ FlowTrack / FlowTrack plus



- Non-invasive flow measurement for liquids
- Monitor volumetric flow in real time
- Compact, space saving design
- Flow meter variant w or w/o display available
- Low 3 Watt power consumption

Technical Specifications

Operating principle	Transit-time Ultrasound
Size (HxWxL)	65 x 110 x 140 mm
Weight	500 g
Case material	Aluminium
IP-Code	IP65
Supply voltage	24 V DC ($\pm 10\%$) via power adapter or external supply
Power consumption	Typically 3 Watt, max. 8 Watt
Power supply	Included with EU, UK, North America and IEC 60320 C8 connectors; others on request
Compatible flow sensors	BioProTT™ Clamp-On Transducer

Interfaces

Interface types	digital RS-232 4-20mA analogue: flow and acoustic coupling (RSS)
RS-232 cable	Shielded, 9-pin D-Sub-cable (M/F)

Additional Features of BioProTT™ FlowTrack plus

This variant of the ultrasonic flow meter provides in addition to BioProTT™ FlowTrack a display and a totalizing function at the device level. The graphical user interface also allows selecting different calibration tables and viewing real time data.

Accuracy

Flow range	See BioProTT™ Clamp-On Transducer data sheet
Accuracy of flow measurement	See BioProTT™ Clamp-On Transducer data sheet
Resolution of flow measurement	1 ml/min
On site calibration	Adjustment with user adaptable calibration factor

Ambient Conditions

Air pressure	70 to 106 kPa
Operating temperature range	10 to 40 °C (50 to 104 °F)
Storage temperature range	-20 to 45 °C (- 4 to 113 °F)
Transport temperature range	-20 to 55 °C (- 4 to 131 °F)
Humidity storage, transport and operation	10 to 96 % (non-condensing)