

BioProTT™ FlowTrack plus (Panel Mount)



- Transit-time ultrasound flow meter
- Non-invasive flow measurement for liquids
- Monitor volumetric flow in real time
- Compact space saving design
- Flow meter with display for panel mounting
- Low 3 watt power consumption

01 Technical Specification

Size of basic housing (H x W x D)	65 x 110 x 140 mm
Size of front panel (H x W x D)	78 x 126 x 6 mm
Weight	510 g
Housing material	Aluminum
IP-Code	IP 65 device when unmounted, IP 66 at panel when mounted Maximum supported panel wall thickness supported: 3 mm
Supply voltage	24 V DC ($\pm 10\%$) via power adapter or external supply
Power consumption	Typically 3 W, max. 8 W
Power supply	Wall power supply with EU, UK, North America and IEC 60320 C8 connectors, others on request
Flow sensor extension cable	1.1 m, watertight (IP 68) at panel; to allow sensor connection from outside control cabinet
Compatible flow sensors	BioProTT™ Clamp-On Transducer

02 Interfaces

Interface types	RS-232 4-20 mA analogue: flow and received signal strength (RSS)
RS-232 cable	9-pin D-Sub-socket (F) and USB adapter
Zeroing	Push button and digital interface

03 Graphical User Interface (GUI)

Graphical user interface for selecting calibration tables and viewing real-time data. Totalizing feature accessible. 1 Hz mean flow value is displayed with 1 s refresh rate.

04 Accuracy (in Combination with BioProTT™ Clamp-On Transducers)

Maximum flow measurement range, accuracy and resolution	See BioProTT™ Clamp-On Transducer Datasheet
On-site calibration adjustment	With user adaptable calibration factor

05 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)