



- Transit-time ultrasonic flow meter with display
- Non-invasive flow measurement for liquids
- Monitor volumetric flow in real time
- Compact space saving design
- Benchtop design for lab application

## Technical Specification

<b>Size (H x W x D)</b>	65 x 110 x 140 mm
<b>Weight</b>	500 g
<b>Housing material</b>	Aluminum
<b>IP-Code</b>	IP 65
<b>Supply voltage</b>	24 V DC ( $\pm 10\%$ ) via power adapter or external supply
<b>Power consumption</b>	Typically 3 W, max. 8 W
<b>Power supply</b>	Wall power supply with EU, UK, North America and IEC 60320 C8 connectors, others on request

## Interfaces

<b>Interface types</b>	RS-232 / 4-20 mA analog: flow and received signal strength (RSS)
<b>RS-232 cable</b>	9-pin D-Sub-socket (F) and USB adapter
<b>Zeroing</b>	Push button and digital interface
<b>Adjustment and calibration</b>	Adaptable with integrated calibration factor
<b>Output</b>	Digital [0.1 Hz, 1 Hz, 10 Hz]

## Graphical User Interface (GUI)

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

## Compatible Transducers

All BioProTT™ Clamp-On Transducers for maximum range of flow and tube sizes. For accuracy and resolution, see BioProTT™ Clamp-On Transducer Datasheet.

## Ambient Conditions

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

**em-tec**

em-tec GmbH  
Lerchenberg 20  
86923 Finning, Germany  
P: +49 8806 9236 0  
F: +49 8806 9236 50  
E: em-tec-info@psgdover.com  
em-tec.de