# BioProTT™ FlowTrack plus

em·tec
BIOPROCESSING


- 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

| | |
|---|---|
| **Size (H x W x D)** | 65 x 110 x 140 mm |
| **Weight** | 500 g |
| **Housing material** | Aluminum |
| **IP-Code** | IP 65 |
| **Supply voltage** | 24 V DC (± 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 |

## Interfaces

| | |
|---|---|
| **Interface types** | RS-232 / 4-20 mA analog: flow and received signal strength (RSS) |
| **RS-232 cable** | 9-pin D-Sub-socket (F) and USB adapter |
| **Zeroing** | Push button and digital interface |
| **Adjustment and calibration** | Adaptable with integrated calibration factor |
| **Output** | 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

| | |
|---|---|
| **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) |

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