

SonoTT™ FlowMeter



- Transit-time ultrasound flowmeter with easy-to-read display
- Numeric flow display
- Flow bar-graph display for flow dynamics
- RS-232 Interface to PCs

01 Technical Specification

Size (HxWxD)	90 x 210 x 293 mm
Weight	3.3 kg
Housing material	Stainless steel
Safety class (IEC60601-1)	Class I equipment
IP-Code	IPX1 (drip-proof)
Supply voltage	115-240 VAC / 50-60 Hz
Power consumption	Max. 40 VA
Fuses	250 V; 1.6AL; Typ T; 5 x 20 mm
Mains power cord	Type EU, 2 m included; others on request
Compatible flow sensors	SonoTT™ Clamp-On Transducer; type CT

02 Interfaces

Interface types	RS-232; connect only devices tested according to IEC60601 or IEC60950
Sensor connector type	15-pin D-Sub-socket
Flow display averaging time	Adjustable from 0.5 to 5 sec.
Flow display type	Dot-matrix LED Display

03 User Interface

Dot-matrix user interface for selecting calibration tables, informational alarm limits and viewing real-time data. Flow bar-graph display for flow dynamics.

04 Accuracy*

Max. flow measurement range	± 20.0 l/min
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*Depending on calibration and type of SonoTT™ Clamp-On Transducer

05 Resolution

Flow value ≤ ± 1.0 l/min	10 ml/min
± 1.00 < Flow value ≤ ± 20.0 l/min	100 ml/min

06 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 operation	30 to 75 % (non-condensing)
Humidity storage and transport	10 to 96 %