

SonoTT Clamp-On Transducer



Technical Specifications

Size (HxWxD), weight	25 x 33 x 45 mm, approx. 100 g
Housing material	Plastic
Cable length	2.8 m
Connector plug	15-pol. high density D-Sub
Safety Class	Type BF applied part
IP-Code	IPX4 (splash-proof)
Recommended tube type	TYGON TUBING S-50-HL, Cobe [®] Tubing, Raumedic-ECC-Blood Line Tubing

Maximum measurement range depending on calibration and type of used Transducer (see below)

Accuracy in combination with the Flowcomputer

0.0 to 1.0 lpm	± 0.07 lpm + offset drift
1.01 to 10.0 lpm	±7 % of the value + offset drift
Flow Offset Drift	max. 0.03 lpm within 2 hours

Range of Transducer and Purchase Order Numbers

Type	Maximum flow measurement range	Tube Size	Purchase Order Number
CT 1/4 x 3/32" A	8000 mlpm	1/4" x 3/32"	11309
CT 1/4 x 1/16" A	8000 mlpm	1/4" x 1/16"	11097
CT 3/8 x 3/32" A	10000 mlpm	3/8" x 3/32"	11098
CT 1/2 x 3/32" A	20000 mlpm	1/2" x 3/32"	11099

Standard calibration parameters of e.g. CT 3/8 x 3/32" A

Calibration Table (Table No:)	Tube size	Tube material	Medium	Medium temperature	Maximum Flow measurement range*
1	3/8 x 3/32"	PVC	Blood	37°C(98.6°F)	10000 mlpm
2	3/8 x 3/32"	PVC	Water	20°C	10000 mlpm

* for this flow measurement range an accuracy of ± 0.07 lpm or ±7 % of the value + Offset Drift is guaranteed

Customer-specific calibrations (e.g. silicone tubing) can be made upon request. To assure a high measurement quality in long term use em-tec offers an optional re-calibration service.