

SonoTT Vascular Probe



Technical Specifications

Size of head	appr. 8 x 13 x 15 mm
Size of head + handle of probe (HxWxD)	appr. 10 x 13 x 195 mm
Cable length	2.8 m
Weight of head	appr. 2 g
Weight of head + handle of probe	appr. 10 g
Overall weight (type with handle)	appr. 40 g
Overall weight (type without handle)	appr. 32 g
Housing material	Plastic
Connector plug	14-pol. ODU Medi-Snap, modified
Safety Class	Type CF applied part, defi-proof
IP-Code	IPX7 (watertight)

Note: the nominal values given above (size and weight) refer to the sensor VP100-05-10-A (5mm), the other sensor types are slightly smaller/lighter.

Range of Probes and Purchase Order Numbers

Size of vessel/graft	Head size	Type	Order Number
1.5 to 2.5 mm	2 mm	VP100-02-10-A (with handle)	11342
		VP100-02-20-A (without handle)	11346
2.5 to 3.5 mm	3 mm	VP100-03-10-A (with handle)	11343
		VP100-03-20-A (without handle)	11347
3.5 to 4.5 mm	4 mm	VP100-04-10-A (with handle)	11344
		VP100-04-20-A (without handle)	11348
4.5 to 5.5 mm	5 mm	VP100-05-10-A (with handle)	11345
		VP100-05-20-A (without handle)	11349

Standard Calibration Parameters and Measurement Range

Calibration medium: Blood
 Medium Temperature: 37° C

Measurement range for all Vascular Probes: ± 1 to 500 mlpm

Vascular probes with a head size of 2 mm are calibrated to a maximum flow of 100 mlpm, Vascular Probes with a head size of 3, 4 or 5 mm to maximum flow of 200 mlpm.

Within this range and in combination with the SonoTT Flowcomputer we guarantee a measurement accuracy of ±15 % of the value and a maximal Offset Drift of 4 mlpm.

Customer-specific calibrations can be made upon request.

Sterilization

Vascular Probes can be sterilized 50 times with the following procedures:

Sterilization Procedure	Single-Use Sterilization Packaging		Sterilization Container	Required Temperature
	Paper/foil	Tyvek/foil		
Steam Sterilization	x	-	x	134° C (273.2° F)
ETO Sterilization	x	x	x	55° C (122° F)
LTP Sterilization	-	x	-	60° C (140° F)
LTSF Sterilization	x	x	x	70° C (158° F)