

Vascular Flowprobes for TX Surgery

Transonic® Flowprobes work with HT300-Series Flowmeters to measure volume flow in blood vessels and grafts from 0.5 to 36.0 mm. The measurement of flow in vessels during transplant procedures can guide surgical decisions. The ability to correct otherwise undetectable flow restrictions provides the surgeon with an opportunity to improve the outcome for the patient.

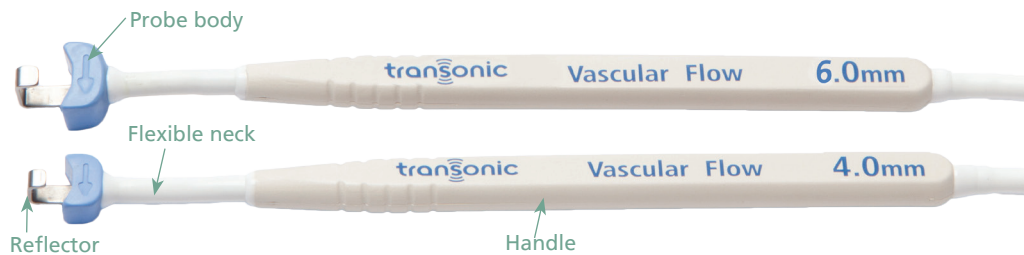


Fig. 1: 4 and 6 mm Vascular Flowprobes recommended for measuring hepatic arterial flow. Picture shows Flowprobe handle with size of Probe in mm, the Probe's flexible neck for optimal positioning of the Probe around the vessel, the Probe body that houses the ultrasonic transducers, and the Probe reflector. Vessel is positioned within the Probe sensing window that is defined by the Probe body and its stationary reflector.



Fig. 2: 8 mm, 10 mm, 12 mm and 14 mm Vascular Flowprobes recommended for measuring portal venous flow.

FLOWPROBES: TRANSPLANT SURGERY		
LIVER	Probe Size (mm)	Probe Series
hepatic artery	4, 6	FMV
portal vein	10, 12, 14	FMV, -AU
KIDNEY		
ascending aorta	4, 6	FMV, -FSB
pulmonary artery	10	FMV, -FSB
PANCREAS		
common iliac artery	8	FMV, -FSB

COnfidence Flowprobes for TX Surgery

Four-transducer COnfidence Flowprobes® provide highly accurate measurements in vessels with turbulent flows such as the ascending aorta or portal vein. Available in 15 sizes from 8 mm to 36 mm, the Flowprobe's slim, ergonomic profile is designed for measurements in great vessels

in adults, pediatrics, and even neonates where a small Probe footprint is desirable. COnfidence Flowprobes® may be left in place for extended measurements and then easily removed via a ring attached to the pliable liner that cushions and protects the vessel.

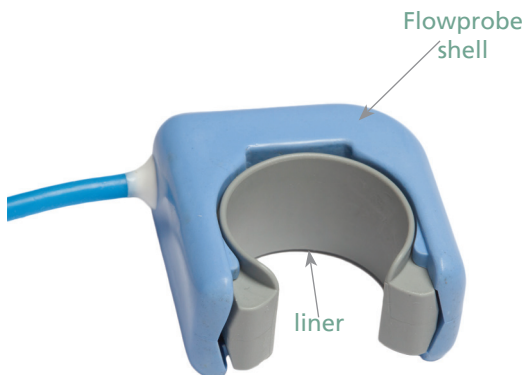


Fig. 1: A COnfidence Flowprobes showing the Flowprobe shell and the pliable liner that cushions and protects the vessel during extended measurements.

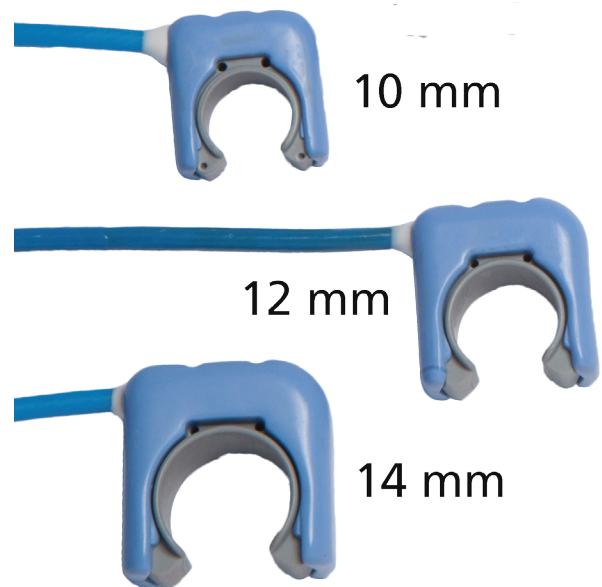


Fig. 2: 10 mm, 12 mm and 14 mm Confidence Flowprobes recommended for extended measurements of portal venous flow.



Transonic Systems Inc. is a global manufacturer of innovative biomedical measurement equipment. Founded in 1983, Transonic sells "gold standard" transit-time ultrasound flowmeters and monitors for surgical, hemodialysis, pediatric critical care, perfusion, interventional radiology and research applications. In addition, Transonic provides pressure and pressure volume systems, laser Doppler flowmeters and telemetry systems.

AMERICAS

Transonic Systems Inc.
34 Dutch Mill Rd
Ithaca, NY 14850
U.S.A.
Tel: +1 607-257-5300
Fax: +1 607-257-7256
support@transonic.com

EUROPE

Transonic Europe B.V.
Business Park Stein 205
6181 MB Elsloo
The Netherlands
Tel: +31 43-407-7200
Fax: +31 43-407-7201
europe@transonic.com

ASIA/PACIFIC

Transonic Asia Inc.
6F-3 No 5 Hangsiang Rd
Dayuan, Taoyuan County
33747 Taiwan, R.O.C.
Tel: +886 3399-5806
Fax: +886 3399-5805
support@transonicasia.com

JAPAN

Transonic Japan Inc.
KS Bldg 201, 735-4 Kita-Akitsu
Tokorozawa Saitama
359-0038 Japan
Tel: +81 04-2946-8541
Fax: +81 04-2946-8542
japan@transonic.com