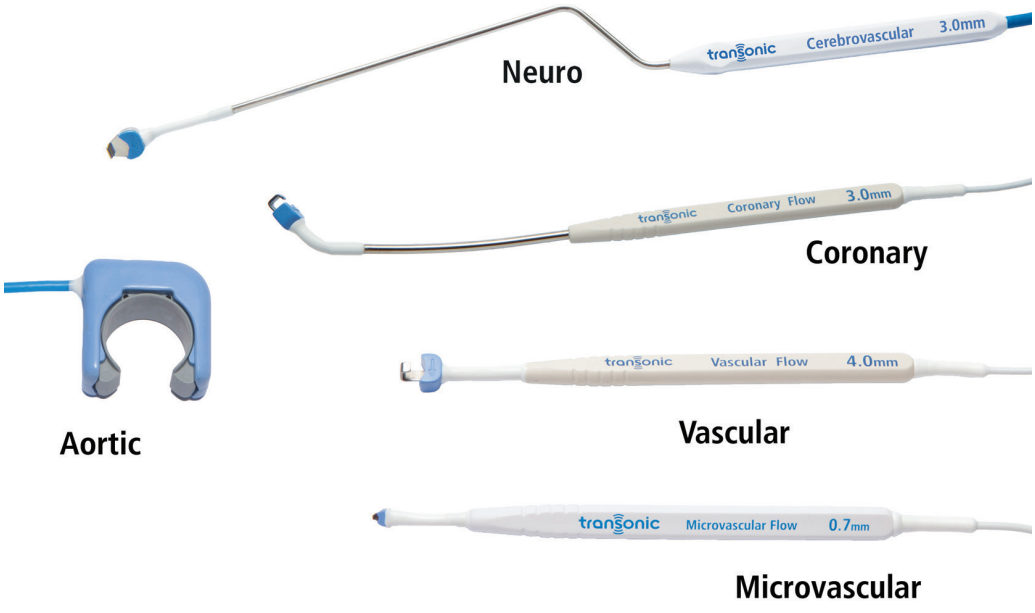
Transonic's FlowXL® Perivascular Flowprobes & Tubing Flowsensors

The Largest Selection of Flowprobes Available

Transonic offers a wide range of intraoperative Perivascular Flowprobes and Extracorporeal Clamp-on Tubing Flowsensors. Transonic HS-series Flowprobes and Flowsensors connect to the side panel of the FlowXL Flowmeter.



PERIVASCULAR FLOWPROBES

Transonic HS-Series Intraoperative, Perivascular Flowprobes work with HT500 FlowXL Flowmeter to measure instantaneous and average volume flow in blood vessels or grafts, 0.5 mm to 36 mm in diameter. Unless otherwise specified (single-use, 8-use or 16-use) Perivascular Flowprobes are guaranteed for the earlier of 12-months or 50-75 uses, depending on probe series.

transonic
THE MEASURE OF BETTER RESULTS.

HS-Perivascular Flowprobes

Coronary Flowprobes (FMC-Series)

Coronary Flowprobes are designed for CABG graft patency assessment. The long handle Flowprobes feature extended reach and a flexible neck to access hard-to-reach coronary grafts. The non-constrictive sensing window provides an undistorted flow waveform, critical for graft patency assessment.

Coronary Flowprobes are available in 4 sizes: 1.5, 2, 3, 4 mm.

Vascular Flowprobes (FMV-Series)

Vascular Flowprobes are the most universally designed, and can be used for general vascular, transplant, and cardiac surgery. These flow probes feature a short flexible neck for applications where the artery, vein or graft is readily accessible. The J-style reflector is designed to quickly slip around the vessel and maintain optimal vessel alignment during flow measurement.

Vascular Flowprobes are available in 9 sizes: 1.5, 2, 3, 4, 6, 8, 10, 12, 14 mm.

Microvascular Flowprobes (MU-Series)

Transonic offers the smallest clinical Flowprobes on the market. They measure volume flow in vessels, ducts or grafts from 0.5 to 4.0 mm in diameter. Microvascular Flowprobes are designed with a non-constrictive fit to measure flow through vessels in their natural state.

Microvascular Flowprobes are available in 5 sizes: 0.7, 1.0, 1.5, 2.0, 3.0 mm.

HS-Perivascular Flowprobes cont.

Intracranial Flowprobes (MB-Series)

Intracranial Charbel Micro-Flowprobes® are designed for deep cerebrovascular surgery including aneurysm clipping, arteriovenous malformations (AVMs), dural fistula obliteration, and tumor resection surgeries. The long bayonet handle permits use under a surgical microscope and a flexible neck segment permits bending the Flowprobe as needed to position around a vessel.provides an undistorted flow waveform, critical for graft patency assessment.

Intracranial Flowprobes are available in 3 sizes: 1.5, 2, 3 mm.

Extracranial Flowprobes (MR-S-Series)

The short bayonet handled Extracranial Flowprobes are designed to be used under the microscope during EC-IC bypass surgery. Flow measurement can be used to quantify an increase in flow after a revascularization surgery for occlusive disease or to ensure the patency of a STA-MCA bypass.

Extracranial Flowprobes are available in 3 sizes: 3, 4, 6 mm.

Carotid Flowprobes (FME-Series)

Designed specifically for use during carotid endarterectomy procedures; Carotid Flowprobes feature a handle with a short flexible neck and L-style reflector. This style allows the Flowprobes to slip on and off the vessel under study without temporarily squeezing the vessel. This, in turn, reduces the chance of dislodging plaque from the intima of the vessel wall. Carotid Flowprobes could be used in other applications where vessel constriction is of great concern.

Carotid Flowprobes® are available in 7 sizes: 1.5, 2, 3, 4, 6, 8, 10 mm

HS-Flowprobes & Tubing Sensors

COnfidence Flowprobes (Handle-less AU Series)*

Transonic's COnfidence Cardiac Output Flowprobes represent a completely new concept in ultrasonic Flowprobe design. Validated X-pattern full flow illumination is enhanced by a soft Probe liner to cushion the vessel, permitting sustained ultrasonic transmission with little need for acoustic coupling gel during acute intraoperative use. COnfidence Flowprobes® offer unsurpassed beat-to-beat measurement accuracy on vessels with highly dynamic and irregular flow profiles such as the great arteries during adult or pediatric cardiothoracic surgery.

- Insensitive to placement: Provides accurate and reproducible measurements on the ascending, arch or descending aorta
- Designed for placement in tight spaces: Surgical space is not compromised
- Shaped to fit: The inner surface is designed for round vessels, and the Probe comes with a soft liner so that they may be left in place for extended periods of time without risk of damaging the vessel.

COnfidence Flowprobes® are available in 17 sizes: 4, 6, 8, 10, 12, 14, 16, 20, 24, 28, 32, 36 mm.

**Note: AU Series Flowprobes not available in EU*

Tubing Flowsensor (XL-Series)

Transonic HSnXL Flowsensors clip on to the outside of flexible tubing to measure the volume flow of blood, water, and most non-aerated liquids including saline and buffer solutions. The reusable Flowsensor has no contact with liquid, thereby preserving the flow dynamics and sterility of the fluid. Flowsensors utilize the most advanced designs for ultrasonic flow illumination to provide reliable, stable measurements even under turbulent and non-steady flow conditions.

XL Tubing Sensors are available in 11 sizes: 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, and 3/4 inch OD.

transonic
THE MEASURE OF BETTER RESULTS.
www.transonic.com

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, and perfusion applications.

USA/Canada
Transonic Systems Inc.
Tel: +1 607-257-5300
Fax: +1 607-257-7256
support@transonic.com

Europe
Transonic Europe B.V.
Tel: +31 43-407-7200
Fax: +31 43-407-7201
europe@transonic.com

Asia/Pacific
Transonic Asia Inc.
Tel: +886 3399-5806
Fax: +886 3399-5805
support@transonicasia.com

Japan
Nipro-Transonic Japan Inc.
Tel: +81 04-2946-8541
Fax: +81 04-2946-8542
japan@transonic.com

CE 2797