

Don't You Want To Know the Flow in Your Micro-vessels?

- Quantify restored flow in the smallest vessels
- Improve reattachment and flap outcomes
- Measure flow quickly and easily



transonic
THE MEASURE OF  BETTER RESULTS.

Microsurgical Flowprobes take the guesswork out of knowing volume flow...

Transonic® Microsurgical Flowprobes work with HT350 and HT360-Series Flowmeters to measure volume flow in 0.5 - 4.0 mm blood vessels and grafts. The non-constrictive Flowprobes use gold standard transit time ultrasound technology to measure volume blood flow directly within these small blood vessels.

The new line of microvascular Flowprobes now offer the surgeon a quantitative tool with which they can objectively assess the quality of the reconstruction or replantation. Unseen blood flow obstructions can be detected intraoperatively and repaired before leaving the operating room.

No longer will a micro-vascular surgeon have to rely solely on clinical impressions to assess the quality of the surgery during the procedure. This on-the-spot volume flow technology produces flow information quickly, accurately, and non-intrusively. The ability to immediately correct otherwise undetectable flow restrictions provides the surgeon with a unique opportunity to improve their patients' outcomes.

"...TTFV (Transit-time Flow Volume) provides novel physiologic flap data and identifies flow anastomoses and higher-flow venae comitantes. These data have clinical value in microsurgery and hold the potential to reduce microvascular complications and improve outcomes."

JC Selber, MD, MPH et al

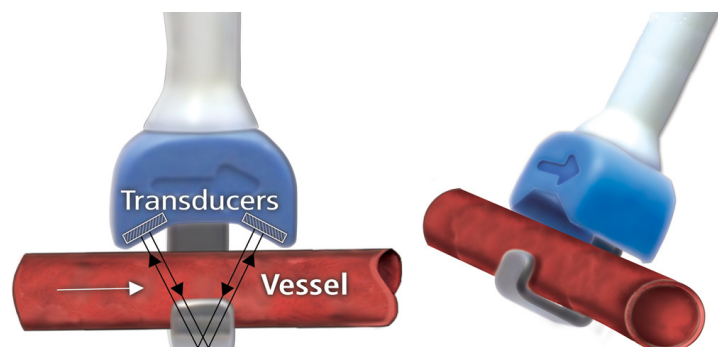
"Including flow in my surgical approach gives me a high degree of control over surgical outcomes. When I close the patient, I know the patient will recover without ischemic surprises. This translates into peace of mind for the patient and for me."

F Charbel, MD, FACS

"Accurate flow measurements can be of great assistance during vascular reconstructive surgery. The primary aim with these intraoperative measurements is to obtain information on the immediate result of the reconstruction, where a technical failure may jeopardize an otherwise successful operation."

A Lundell, MD, FACS

TRANSIT-TIME ULTRASOUND TECHNOLOGY MEASURES VOLUME FLOW, NOT VELOCITY



Two transducers pass ultrasonic signals, alternately intersecting the vessel in upstream and downstream directions. The difference between the two transit times yields a measure of volume 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@transoniasia.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
info@transonic.jp