

Innovative Liquid Flow Measurement Solutions for Biomedical Device Manufacturers

Transonic flow measurement technology is used by a wide variety of industry's leading manufacturers to deliver the highest accuracy and performance. Common applications include:

- CP bypass pumps
- Ventricular Assist Devices
- ECMO systems
- Steam delivery modules
- Infusion/Transfusion/Perfusion
- Dialysis machines
- Organ perfusions systems
- Much more!



Tubing Flow Sensor



Flowboard

"From Bench to Bedside"

We are passionate about helping our biomedical device partners to advance liquid flow measurement innovations from early research to standard-of-care commercial products.

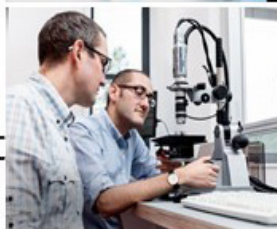
Scientific
Research



Device
Development



Full-scale
Production



Gold Standard Life Science Research Solutions

- Perivascular and Tubing Flow Measurements for animal research in a wide variety of applications;
- Pressure Volume Measurements with Admittance Technology to define cardiac function in pre-clinical testing;
- Implantable Telemetry for flow, pressure & ECG.

Deep Medical Product Design & Development

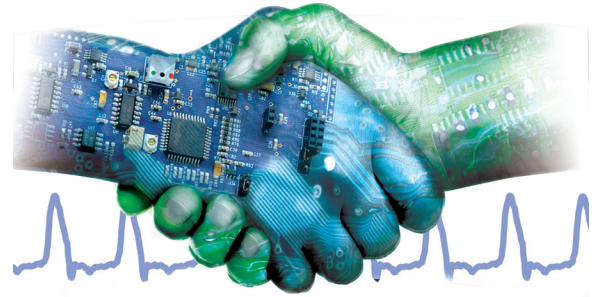
- Advanced product design and development capabilities;
- Highly experienced engineering team specializing in liquid flow measurement;
- Extensive knowledge of healthcare regulations & FDA approval.

World Class Manufacturing Capabilities

- ISO-certified manufacturing facility in Ithaca, NY, USA;
- High skilled workforce and state-of-the-art automation;
- Rigorous compliance and quality control standards.

Transonic Inside™ Co-engineering Program

Transonic is proud of its long history of working with start-ups and established medical device companies to develop and manufacture custom-engineered liquid flow measurement solutions. Our Co-engineering Program is designed to meet the unique needs of your business and streamline the development process, from prototype to production.



Co-Engineering Program Phases

1

Project scoping & terms

- Confidentiality assurance/ NDA's
- Definition of product requirements
- Project specifications and design plan
- Development agreement

2

Prototype development & testing

- Pre-development research & concept validation
- Prototyping
- Internal and partner testing
- Design and documentation modifications

3

Preproduction & validation

- Production plan
- Supply agreement
- Delivery of pre-production units
- Partner and end-user customer testing and validation

4

Production & continuous improvement

- Delivery schedule
- Production go-live
- QA/RA management
- Continuous improvement

Performance Guarantee

Transonic guarantees that its custom OEM products, when developed and implemented under Transonic's Co-engineering program, will match the superior quality criteria of its standard Flowmeters and Flowsensors.

Contact Information

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