

Liquid Flow Measurement Systems and Unique Derived Parameters to Set Your Device Apart

Transonic flow measurement systems are “under the hood” in dozens of trusted medical brands used around the globe to save and extend lives. Potential applications include:

- CP bypass pumps
- Dialysis machines
- ECMO systems
- Ventricular Assist Devices
- Organ preservation systems
- Steam delivery/ablation modules
- Suction and fluid replacement
- Infusion/transfusion/perfusion



Example Tubing Flow Sensor



Example 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.

Research



Gold Standard Life Science Research Solutions

- Perivascular and tubing flow measurements for animal research and wide-ranging medical applications
- Pressure Volume Measurements with Admittance Technology to define cardiac function in pre-clinical testing.
- Implantable telemetry for flow, pressure & ECG

Development



Extensive Design and Development Know-how

- Advanced R&D and medical device design capabilities
- Highly experienced engineering team specializing in liquid flow measurement across many applications
- Deep knowledge of healthcare regulation and FDA approvals

Production



World Class Manufacturing Capabilities

- ISO Certified manufacturing facility, Ithaca, NY
- Highly skilled workforce
- Process automation and scalability expertise
- Rigorous compliance and quality control standards

Transonic-Inside™ OEM Development Program

Transonic is proud of its long history of partnering with both start-ups and established medical device companies alike. Our *Transonic-Inside* OEM Development Program is structured to be flexible enough to meet the unique needs of your project and to streamline your development process all the way from ideation to commercial production.



Transonic-Inside Product Development Support

Support Function		Research & Development	Design Engineering (mechanical, electrical and software)	Production Engineering and DFM	Manufacturing	Clinical Experts and Co-marketing	QA/RA
Development Stage							
1	Concept development and project scoping	✓	✓			✓	
2	Proof of Concept/ feasibility testing	✓	✓			✓	
3	Prototype development	✓	✓				
4	Design verification and validation		✓	✓			
5	Production planning and transfer to manufacturing		✓	✓	✓		
6	Product launch/ commercialization			✓	✓	✓	✓
7	Sustaining engineering and quality control			✓	✓	✓	✓

Performance Guarantee

Transonic guarantees that its custom OEM products, when developed and implemented under the *Transonic-Inside* OEM Development Program, will match or exceed the superior quality performance criteria of Transonic's own commercial Flowmeters and Flowsensors.

Contact Information

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