Now, See What You’ve Been Missing

The EDAC® QUANTIFIER blood circuit monitor uses sophisticated ultrasound technology to non-invasively count and measure gaseous microemboli in the extracorporeal blood circuit. Unlike traditional emboli detectors, the EDAC® QUANTIFIER detects microemboli that may otherwise go unnoticed. What was previously unknown is now precisely measurable.

- Reliable results
- Simple user interface
- Repeatable measurement

Clinicians can utilize the three simultaneous EDAC® sensors to isolate the source of gaseous microemboli (GME), quickly evaluate the procedure and take steps to reduce the embolic load in the bypass circuit.
**Microemboli Detection and Classification**

**Product Features**

The **EDAC® QUANTIFIER** is a real-time, PC-based system that quantifies gaseous microemboli (GME) rates and provides sizing estimates in extracorporeal bypass circuits.

- Displays three simultaneous channels
- Provides clinicians with microemboli count rates from 0 to 1000 per second
- Identifies individual gaseous microemboli ranging in size from 10 microns up to 12.7 mm (1/2”) in diameter
- Estimates embolic size distribution and embolic load (volume)
- Records 6 hours of data, replays files and exports to a data analysis program
- Documents procedures with a one-click annotation feature
- Detects GME from flow rates of 0.2 L/min to 6.0 L/min

**Items Included**

- EDAC® QUANTIFIER device
- EDAC® sensors and clamps
- Software CD and USB drive
- Medical grade power cord
- USB cable
- Medical grade touchpanel computer
- Cart
- User guide
- Standard warranty
- Isolation transformer

**Disposables**

- Sterile EDAC® connectors (1/4", 1/2", 3/8”)

**Available Options**

- Additional EDAC® sensors

**EDAC® Product Specifications**

**Power Requirements**

- Input voltage 100 to 240V
- Input frequency 50 to 60 Hz
- Input current 0.75 A Max

**Dimensions**

- Height: 16.5 cm
- Width: 36.5 cm
- Depth: 34.6 cm
- Weight: up to 9.9 kg (up to 20 lbs)
- Sensor cable length: 3 m

**Certification**

- UL Std. 60601-1 CAN/CSA
- Std. C22.2 No. 601.1
- FDA 510k Class 2 Clearance

**Display**

- Time motion representation of individual emboli tracks
- Emboli rate displayed over five minutes
- Cumulative and average emboli counts from the start of monitoring

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**Distributed in the U.S. and Canada exclusively by Terumo Cardiovascular Systems**

For more information, contact:
Terumo Cardiovascular Systems
6200 Jackson Road, Ann Arbor, MI 48103-9300
Ph: 800 521 2818 / 734 663 4145
Fax: 734 663 7981
www.terumo-cvs.com

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