

edac[®] QUANTIFIER

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

LUNA
INNOVATIONS
MEDICAL PRODUCTS



Cleared
for Clinical Use.



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.

- o Displays three simultaneous channels
- o Provides clinicians with microemboli count rates from 0 to 1000 per second
- o Identifies individual gaseous microemboli ranging in size from 10 microns up to 12.7 mm (1/2") in diameter
- o Estimates embolic size distribution and embolic load (volume)
- o Records 6 hours of data, replays files and exports to a data analysis program
- o Documents procedures with a one-click annotation feature
- o 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
- Users guide
- Standard warranty
- Isolation transformer

Disposables

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

Available Options

- Additional EDAC® sensors
- Pole mounting brackets

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

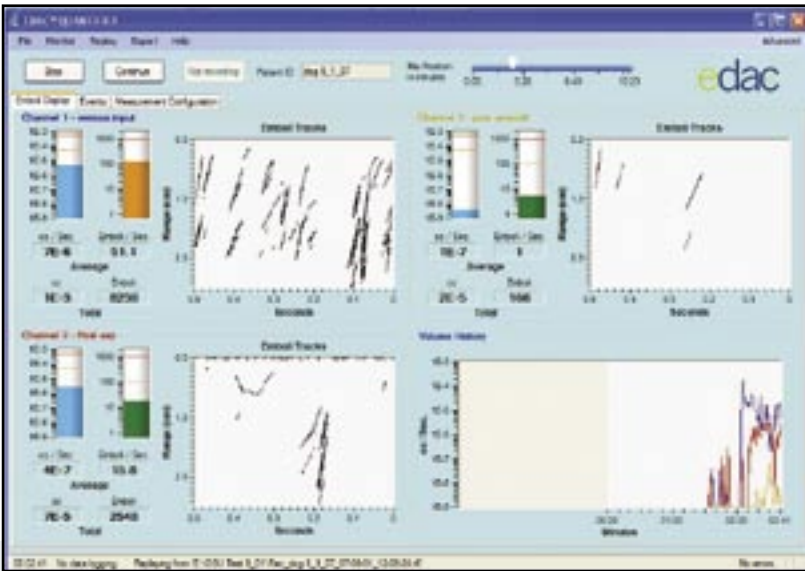
Certification

- 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



To request a quote, more information or technical support:

- 1.866.410.EDAC (3322)
- support@lunamedicalproducts.com
- www.lunamedicalproducts.com



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EDAC® is a registered trademark of Luna Innovations Incorporated.
Manufactured under U.S. Patent 5,441,051 and patents pending.
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