

## Technical Specifications

### Software

Routine diagnostic

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Unilateral monitoring (1 channel)

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Bilateral monitoring (2 channels)

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Emboli detection

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VMR (vasomotor reactivity) & BHI

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PFO

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Intraoperative (16MHz)\*

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Auto Track™

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Day to Day trends

### Regulatory

FDA, KFDA Anvisa and more

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Safety class 1 type BF,  
EN 60601-1 EN 60601-1-2

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Power supply:  
AC 50/60 Hz 100-240 V Medical grade

### Doppler Features

Power M-Mode

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M-Mode  
64 gates (8000 channels)

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Multi-gating  
Up to 8 spectral windows in diagnostic,  
up to 2 spectral windows in monitoring

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No. of probe connectors  
5

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Full record & replay of  
Spectrum + Sound + M -mode

### Color Flow Imaging

Digi-Lite IP+ (Optional)

### Interfaces

Printer  
Any windows compatible

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DICOM connectivity & worklist

### Probes

2MHz (PW), 4MHz (CW/PW),  
8MHz (CW/PW), 16MHz (PW)

### PC Specification

Operating system  
Windows 10 64Bit

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15" color TFT LED internal

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Touchscreen

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RAM  
8GB

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Hard disk  
1TB mSATA SSD

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Connectivity  
4 USB 2.0 ports, 2 USB 3.0 ports, LAN,  
HDMI, DP

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Analog inputs/outputs  
8/8

### General

Dimensions  
40X32X33 cm

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Weight  
7Kg / 15.4 lb

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Dedicated carrying case

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Customizable Remote control



# Digi-Lite™ 2.0

## Next Generation Transcranial Doppler by Rimed

Accurate and Reliable  
Cerebrovascular Diagnosis & Monitoring

Digi-Lite™ 2.0 is the latest non-invasive innovation in transcranial Doppler technology, offering fast and accurate results in capturing and monitoring real-time Doppler signals representing cerebral blood flow.

## Rimed - Your Safe Choice

Established in 1982 by Mr. Joseph Adlin, Rimed has been developing, manufacturing and exporting over 8 generations of non-invasive transcranial Doppler systems in over 100 countries. At Rimed, we take pride in providing outstanding service, making your experience with our products seamless and exceptional. Rimed introduced the first PC-based peripheral vascular Doppler and was also the first to introduce the customizable summary screen concept which has been adopted by other companies later on.

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- ✓ A Reliable & Trusted Partner
- ✓ Outstanding Service
- ✓ Training to Improve Care

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www.rimed.com



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# Digi-Lite™ 2.0 Your Complete Transcranial Doppler Solution

## Advanced Features for Enhanced Diagnosis

Digi-Lite™ 2.0 provides clinicians with an All-in-One transcranial Doppler (TCD) solution for bedside diagnosis and monitoring. Digi-Lite™ 2.0 enables a reliable and non-invasive assessment of blood flow velocities in the brain. The Digi-Lite™ 2.0 is FDA approved for sale in the US.

### Your Doppler Companion, Simplified

The Digi-Lite™ 2.0 is a fully mobile and comprehensive TCD solution that ensures a convenient and user-friendly experience for Stroke, Neurosonology, Neurovascular, and NICU settings.

- Customizable Protocols and Intuitive Interface: Tailored to suit individual patient needs.
- Multilingual Support: Making it accessible to a diverse range of healthcare professionals and patients.
- Customizable Remote Control: Enhancing usability and providing flexibility and ease of use.
- Portable and fits into small spaces: Easily move it around small rooms in the hospital. Using our dedicated power cart makes it perfect for compact environments.



### A Complete Neurosonology/Neurovascular Lab at Your Fingertips: Two Modalities, One Database, One Final Patient Report!

High-resolution color flow imaging Digi-Lite IP+ & Digi-Lite™ 2.0 combine for quick, accurate investigations of the Carotid and Intracranial arteries.

### Customizable and Time Saving Reporting

**Our 2-layer reporting system** offers an All-In-One Neurosonology report which includes TCD and Carotid imaging.

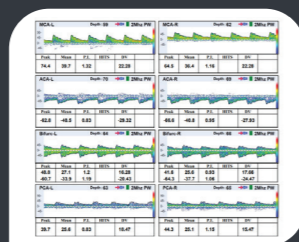
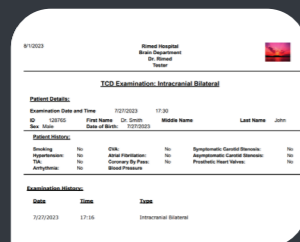
First layer: Spectral summary screen, enabling editing of spectrum displays.

Second layer: Detailed final patient reports for referring physicians. TCD and color flow imaging reports are stored in one comprehensive database, easily shared in various formats.

**Day to Day Trend** Enables to follow-up vasospasm patients on a daily basis indicating immediately any major changes in cerebral blood flow velocity.

Summary screen report,  
First layer report

Final patient report,  
Second layer report



# Versatile Applications for Digi-Lite™ 2.0

Digi-Lite™ 2.0 is used for a wide range of clinical indications

- Detection and monitoring of vasospasm following Subarachnoid Hemorrhage (SAH)
- Diagnosis of extracranial and intracranial stenosis and occlusion
- Detection of Patent Foramen Ovale (PFO)/ right to left shunts (RLS)
- Detection and counting of microemboli
- Evaluation of the brain vasomotor reserve
- Brain death diagnosis and assessment
- Monitoring during carotid endarterectomy or carotid stenting
- Monitoring during coronary artery bypass grafting
- Monitoring during tPA treatment for acute stroke patients, identifying the point in time at which recanalization occurs
- Screening children with sickle cell disease
- Transphenoidal surgery
- Optic Nerve Sheath Diameter (ONSD) Ultrasonography for the detection of Elevated Intracranial Pressure (ICP)

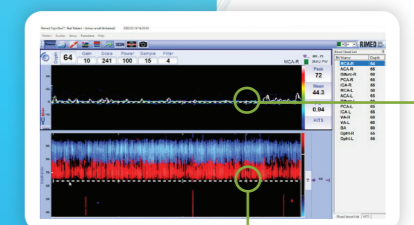
## Auto-Track™ & LMY-3™ Head-Set



### Your Automated Time-Saving Solution for Doppler Acquisition & Processing During Diagnostic and Monitoring Studies

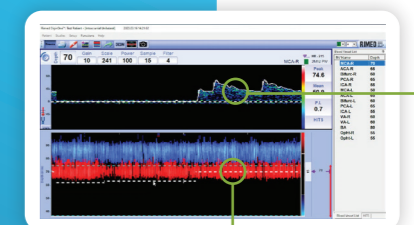
Experience the revolutionary Auto-Track™ signal acquisition software, utilizing a patented predictive algorithm to seek, track, and maintain optimal Doppler signals in every main brain blood vessel. Say goodbye to manual adjustments, as Auto-Track™ saves valuable time in a busy Neurovascular lab, intelligently selecting the optimal depth without the need for a robotic probe.

Combined with the LMY-3™ Headset's 'One Click' locking operation, maximum stability and accuracy are ensured during continuous monitoring. The headset equipped with 2 x 2 MHz probes is suitable for emboli detection, VMR, and Bubble test exams. This dynamic duo enhances transcranial Doppler exam efficiency, streamlining workflows and allowing healthcare professionals to concentrate on their patients' needs.



No Doppler signal

Depth selection is not optimal



Doppler signal is resumed

The optimal depth is reached automatically

### Neurosurgical Probe Guide (NPG™)\* Enhanced Precision for Brain Surgeries

Compact 16 MHz probe guide enables accurate manipulation of the probe, enhancing precision, reducing tissue disruption, and boosting confidence in intricate neurosurgical procedures.



\*Not available for sale in the US.