



Providing accurate and reliable complete neurosonology systems for diagnosis and monitoring of the cerebral circulation

Since 1982



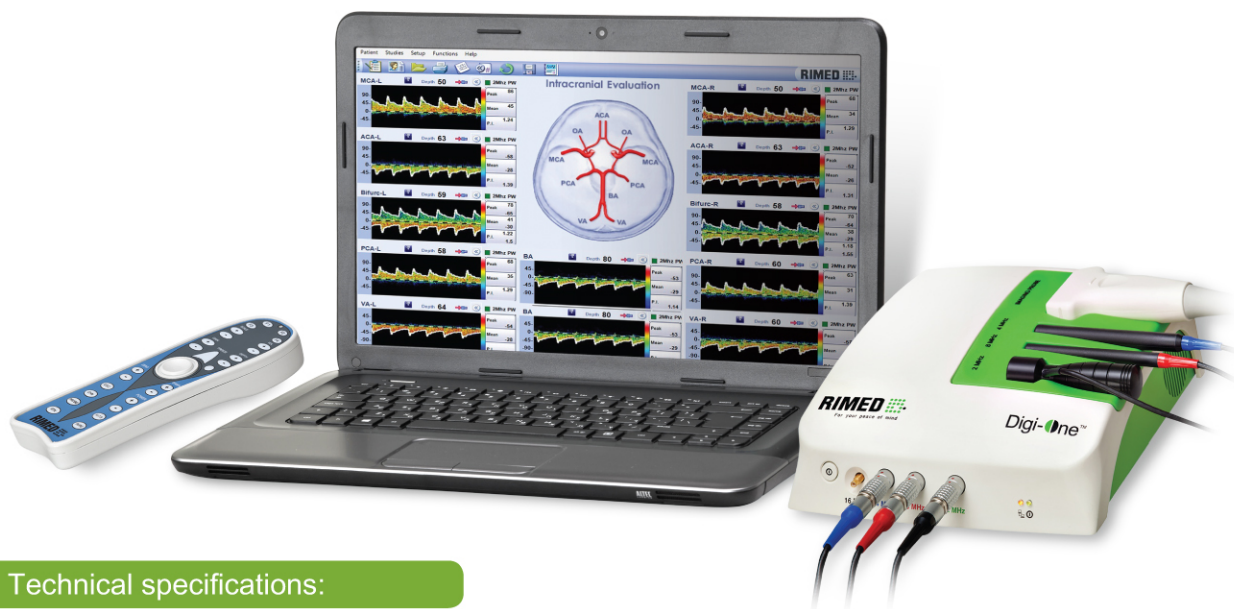
Digi-One™

The number **One** portable Transcranial Doppler that follows you anywhere

Clinical Applications

The Digi-One™ offers a complete array of transcranial Doppler studies to address the following applications:

- Diagnosis of extracranial and intracranial stenosis and occlusion.
- Quick Brain death diagnosis & assesment.
- Detection and follow up of vasospasm following aneurismal subarachnoid hemorrhage.
- Screening children with sickle cell disease.
- Detection and counting of emboli.



Technical specifications:

Doppler	
True Digital Doppler with M-Mode	
M-Mode	starting from 64 gates per channel
Probes - All probes supported by M-mode	2 MHz (PW), 4 MHz (CW/PW), 8 MHz (CW/PW), 16 MHz (PW)
Optional Carotid color flow imaging module	(Digi-Lite™ IP) linear 5-10 MHz
Multi-gating	up to 8 spectral windows
No. of probe connectors	4
Full record & replay of Spectrum+Sound+M-Mode	
Display	
Depending on PC	
PC	
Operating system	Windows 7™ or higher
RAM	depending on PC
Hard disk	depending on PC
Connectivity	depending on PC
Reports 2-layer	
Can be exported as Excel, PDF, Word, RTF	
Interactive summary screen	
Final patient report	
Dedicated studies	
Main diagnostic software	
Intra-operative 16 MHz software	
Offline software	
Carotid imaging (Digi-Lite™ IP) software	
Regulatory	
Certified ISO 13485:2012	
CE 0473	
CE safety class II type BF. MDD class IIa. EN 60601-1, EN 60601-1-2	
External power supply	50~60Hz wide range 100~240VAC medical grade.
General	
Printer	any Windows compatible printer
DICOM connectivity	
Portable	
Weight	1 kg
Dedicated carrying case	
Integrated, removable and washable probe basket	