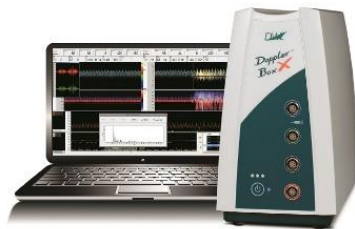


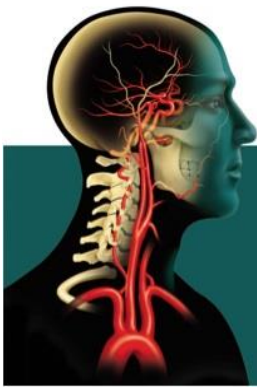
**DWL MAKES THE DIFFERENCE**

**DWL**  
**USA**  
www.dwl.us

## Compumedics DWL / DWL USA, Inc.

- Market leader with more than 10.000 installed bases worldwide
- DWL brand name stands for high quality products and latest in technology
- German quality engineering tradition
- High endurance and reliability
- High professional distribution network, proven for decades
- At home in more as 120 countries
- Innovative strength in developing and enhancing TCD
- Distinguished as a Top 100 German medium-sized companies
- Highly skilled R&D team with over 25 years of experiences
- Highly specialized international team of Experts
- Highly educated service and support team
- Close contact with professors, opinion leaders and research institutes worldwide
- Perfecting methods and developing new applications
- Record number of most relevant scientific reference publications
- Wide range of product solutions for a variety of clinical applications and use
- DWL Doppler Atlas with literature references
- High and low temperature endurance systems
- Space endurance systems





**DWL MAKES THE DIFFERENCE**

**DWL**  
**USA**  
 www.dwl.us

**DWL Doppler sonography - Unique Doppler technology. Versatile in use.**

DWL has been providing TCD's for over 30 years and is one of the world leaders in TCD use and advancements. DWL serves a wide field of clinical applications and is also recognized as the best TCD for research. DWL offers Doppler technology with Doppler M-Mode, 1, 2, 2+2,5, 4, 8, and 16 MHz and 5-12 MHz Doppler frequencies for transcranial (TCD), extracranial, peripheral, and microvascular examinations as well as emboli detection, specific functional tests CO<sub>2</sub>/VMR and Evoke Flow.

The excellent signal quality of the digital DWL system with minimum ambient noise, the outstanding HD image quality and the Doppler M mode allow fast detection of vessels as well as exact diagnosis and precise ultrasonic treatment. Various reports of diagnostic findings are available inclusive Advanced Reports and Structured Reporting via DICOM to send studies to your PACS system.

With the DWL Doppler technology, uniquely substantial pathological changes, and high flow velocities up to 1,200 cm/s can be measured. In combination with 2 and 4 MHz probes, DWL Doppler systems offer all possibilities for the examination of disorders in cerebral blood circulation and reliably support the diagnosis and treatment of vascular anomalies, constrictions, and occlusions. In combination with an 8 MHz probe, a cost-efficient diagnostic method for diseases and disorders of the peripheral vascular system is offered. Using the 16 MHz probes, it is possible to measure blood flow conditions in the microvascular region and to detect the blood flow in vessels near to the surface (non-invasive examination). By the continuous monitoring method cerebral blood flow can be measured over a longer period. Additional valuable diagnosis tools as emboli detection, vasomotor reactivity test procedures and an optional integrated CO<sub>2</sub> module go far beyond simple control monitoring. DWL has developed four different probe fixations, which can safely and reliably attach DWL probes to the patient's head. The external Color Doppler Imaging Module with 5-12 MHz linear array probe serve to conduct carotid duplex measurements in the B mode, in the color Doppler mode and in the triplex mode. DWL USA offers additional large touch screen fully articulating monitors, mounted on powered cart systems, on carts designed to create a small footprint or carts that raise and lower for tech's preferences.

**DWL Doppler offer unique features like:**

<ul style="list-style-type: none"> <li>✓ Excellent signal and image quality</li> <li>✓ World best Signal to Noise Ratio</li> <li>✓ Transcranial: 1 MHz, 2 MHz, 4 MHz</li> <li>✓ Extracranial: 4 MHz, 5-12 MHz</li> <li>✓ Peripheral: 8 MHz</li> <li>✓ Microvascular: 16 MHz</li> <li>✓ Product variety for monitoring application</li> <li>✓ Neuro-Monitoring Analysis (NMA®)</li> <li>✓ Emboli detection</li> <li>✓ Dedicated Vasomotor Reactivity Test procedures using CO<sub>2</sub> and Et CO<sub>2</sub></li> <li>✓ Built in CO<sub>2</sub> module</li> </ul>	<ul style="list-style-type: none"> <li>✓ Specific functional Evoke Flow test</li> <li>✓ Customized Sickle Cell Disease diagnosis</li> <li>✓ Application customized software features</li> <li>✓ Color Doppler Imaging Module for carotid examination</li> <li>✓ Analog in- /outputs (CO<sub>2</sub>/Finapres)</li> <li>✓ Digital interfaces (Phillips IntelliBridge/ICM+)</li> <li>✓ Export of the "real" raw data (open data format)</li> <li>✓ Standard, Advanced Reports and Structured Reporting (DICOM)</li> <li>✓ Physician Reader Software</li> <li>✓ Remote Quick Support Teamviewer</li> </ul>
---	---