

The expansion of the digital product line



Available from spring 2007

Multi-Dop® T^{digital} digital – portable - complete

Thoroughly ergonomical design and time proven DWL® Doppler quality are outstanding features of our portable Multi-Dop® T complete Doppler system.



Advantages of the Multi-Dop® T^{digital}

- Portable complete Doppler system
- High quality DWL® Doppler
- Full digital Doppler system
- Integrated foil keyboard
- Bilateral Doppler M-Mode (64 channels)
- Upgradeable with optional software modules up to unilateral and bilateral monitoring diagnostic with special function tests and emboli detection and differentiation
- Intuitive user interface – simple to navigate and freely configurable
- Microsoft Windows® XP Professional
- Network connectivity
- Analog in- and outputs

Multi-Dop® T^{digital}

standard equipment

- QL routine software with Doppler M Mode
- Integrated foil keyboard
- Internal DVD RW drive
- Multi-function remote control with integrated optical mouse

Optional software modules

- 1- or 2 channel monitoring
- Emboli detection
- Emboli differentiation
- CO₂ reactivity and vasomotor tests
- Evoke flow-test

Multi-Dop® T^{digital}

Optional accessories

- 1, 2, 2.+2.5, 4, 8, 16 MHz handheld and 2, 2.+2.5, MHz monitoring probes
- DWL® probe fixations for adults, paediatrics and neonates: DiaMon®, LAM racks, elastic headbands, adhesive fixation

- Footswitch (2 and 4 functions)
- med. network insulation
- System cart

Multi-Dop® T^{digital}



With 1, 2, 4, 8 and 16 MHz Doppler frequencies the Multi-Dop® T^{digital} is perfectly equipped for transcranial, extracranial, peripheral and microvascular examinations.

The modular design facilitates an upgrade of the software at any time from routine applications to unilateral or bilateral monitoring, special function tests emboli detection and differentiation with the maximum of efficiency.



Integrated 15" TFT colour display, integrated foil keyboard, high quality loudspeakers, DVD-RW drive, multi-function remote control with integrated optical mouse and user friendly software guarantee optimal working conditions.

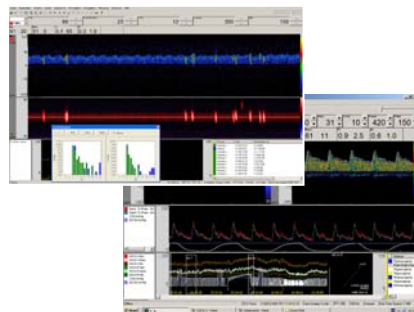
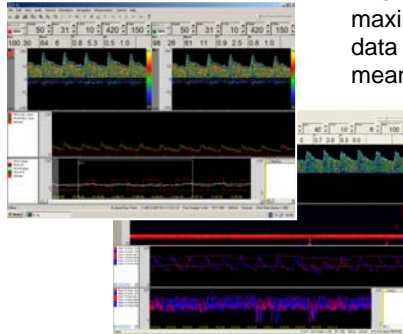


QL Software

Full Digital Doppler Technology

The traditionally high quality DWL® Doppler with digital Doppler technology and Doppler M-Mode meets highest demands and exceeds all previous requirements for clinical routine and monitoring examinations.

The integrated digital technology provides a maximal signal quality and total access to raw data for complete external signal analysis by means of ASCII export.



QL Software

The user friendly QL software with intuitive user interface is based on a Windows® operating system. The modular design facilitates an upgrade of the software at any time from routine applications to unilateral or bilateral monitoring, special function tests emboli detection and differentiation with the maximum of efficiency.

Technical Specifications

- Dimensions (L*W*H): 20*52*35 cm
- Weight: approx. 10,3 kg
- Doppler frequencies (MHz):
 - 1/2/2+2.5/16 (pw), 4/8 (pw/cw)
- Channels: 2
- Connections: 3
- Spectral windows: 1-4
- Doppler M-Mode: 64 gates
- USB ports: 4

Manufacturer

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Doppler M-Mode

The Doppler M-Mode makes it possible to simultaneously receive and analyse Doppler signals from a predefined range of depths. The Doppler M-Mode display shows the intensity, direction and depth information of this range of depths continuously and in real-time. It provides an excellent graphical display of the blood flow in all vessels located in the sound beam. The Doppler M-Mode display allows moving through the entire depth range and thus easily selecting the best Doppler signals and most relevant clinical data.

Use of the Doppler M-Mode for emboli detection allows an observation of an embolus as it passes through various depths.