

PRODUCT SPECIFICATIONS **NEUROLINE[®]**

Equipped with the latest technology to make the exam easier and save time



High quality Doppler

Fully digital Doppler
High resolution colour M-mode
M-mode supported by each probe
Multi-gating: simultaneous display of 9 spectra along the ultrasound beam
Visual and audio replay at any depth
Offline post processing of depth
Each connector can support each probe
Probe frequency (MHz): 1.6, 2, 16 (PW), 4, 8 (PW/CW)
1 or 2 channels
Each channel supports each probe
Stereo speakers

Probe options

2 MHz handheld probe
1.6 MHz handheld probe
2 MHz monitoring probe
1.6 MHz monitoring probe
2 MHz robotized monitoring probe
1.6 MHz robotized monitoring probe
16 MHz probe
4 MHz handheld probe
8 MHz handheld probe

Probe holder (for monitoring)

Uni- or bilateral headframe
Spectacle frames for robotized probes

Display

Built in 15" (16/9) WXGA colour
Resolution: 1360x768
Touch screen

Computer

OS: Linux
RAM: 4 GB or higher
Hard disk or SSD

Connectivity

5 USB ports
1 HDMI output
1 VGA output
Headphone connector
Analog input (4)/output (8)
DICOM (worklist, storage)

User interface

Touch screen
Virtual keyboard
Alphanumeric keyboard
Remote control
Foot switch pedal

Protocols

For diagnosis and monitoring
Easily configurable
Unlimited number

Report

Customizable personalized reports
Templates
Measurement result table
Hospital logos
Patient pictures
User and physician comments

Export data

Report: PDF, ODT, PNG, DICOM
Trends and envelopes: Excel (txt), analog
Raw data, wave
MP4

Continuous monitoring

1 or 2 channels
Parameter trend graph
Alerts, automatic & manual markers

Displayed indices

Vs, Vd, Vm, Pl, RI, Vs/Vd, Lindegaard index,
Signal/Noise, number of emboli, average velocity



Emboli detection

Display of the emboli features: intensity, energy, duration, velocity, side, position in the heart cycle, confidence coefficient.
Customizable sorting of the emboli
Emboli distribution chart
Audiogram (complex) display
Easy playback of the emboli
Emboli can be shown in the report

Specialty tests

Auto regulation
Breath holding
Vasomotor reactivity
Configurable thresholds
Special report layout with trends
On screen trends for easier tracking

Examination review

Unlimited number of review stations
Replay examinations with full spectrum and Doppler audio
Complete shared network database
Reanalyse and add interpretations to a finalized report

General specifications

Mains power: 110-240 V, 50-60 Hz
Internal battery
Dimensions (cm): 37.6 x 28.4 x 20.1
Weight (kg): 5.2
Portable (all in one device)
Dedicated carrying bag
Trolley
On line help
Remote access to the WAKLE in real time from your office



We listen to your needs and work every day to provide the most advanced technologies and the most innovative design for you to excel in patient care. Thank you for considering Atys.

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