

LOOKI

Outstanding design for high performance and utmost ergonomics



- Digital Doppler
- M-mode display
- Emboli detection
- Monitoring module
- Extensive user configurations
- Examination data base
- Cardiac output in option

Transcranial Doppler

Premium Class Digital Transcranial Doppler

LOOKI

LOOKI is a premium class transcranial Doppler that offers advanced software for diagnosis as well as for monitoring applications.

LOOKI is available in different configurations to fit your specific needs:

LOOKI TCD: unilateral transcranial Doppler with diagnosis module

LOOKI 1TC: unilateral transcranial Doppler with diagnosis & monitoring modules

LOOKI 2TC: bilateral transcranial Doppler with diagnosis & monitoring modules

M-mode display

M-mode technology has significant advantages including reduction of time necessary to locate the transcranial window. It also allows an easier identification of blood vessels and reduced training time. M-mode provides a colour coded display of flow signal intensity and direction over the ultrasound beam. A flow toward the probe is represented by a red band as a flow away from the probe is represented by a blue band. Any depth can be selected on the M-mode to display the spectral data.

It makes TCD easier to use for clinicians particularly in the emergency situations at bedside.

Unique design for enhanced mobility and reduced footprint

Thanks to its integrated trolley and high quality wheels, LOOKI is the ideal equipment for fixed or mobile use. It is moved without spending time to pack up the probes and accessories. Its reduced footprint is also an advantage especially in limited space environments.

User friendly operation

The modern and intuitive controls and the customized protocols allow an easy adjustment of the parameters, a quick configuration of the device and saving time. With the user-oriented menus, the operator quickly inputs patient data and labels vessels.

Full feature colour report

Snapshots of the waveforms with all the adjustment parameters and calculated indices are included in the examination report only by pressing a key. At any time, this report can be reviewed, printed out on a colour printer or stored.

Examination protocols and monitoring configurations

Protocols and monitoring configurations are available. They can be modified or personalised. New ones can also be easily created to meet the special requirements of each physician.

Advanced monitoring module

Monitoring sessions can be recorded and saved. All waveforms, trends, event markers and indices are stored and available for future analysis.

Emboli detection

The emboli detection module takes advantage of the multi-gate technology for an optimised differentiation of emboli and artefacts.

Functional tests

Pre-defined test sessions are proposed to assess cerebral autoregulation and vasomotor reactivity.

Cardiac output

Atys Doppler are unique transcranial Doppler on the market. They can be fitted with a non-invasive cardiac output monitor. This feature is tremendously useful in ICU and OR. It allows the physician to check the patient global hemodynamic with one device, that is to say very quickly.



XGA flat display

Control keyboard

Handle

Retractable alphanumeric keyboard

Probe holder

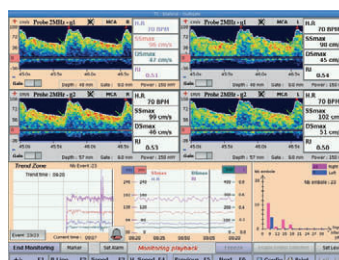
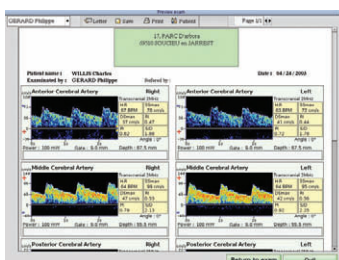
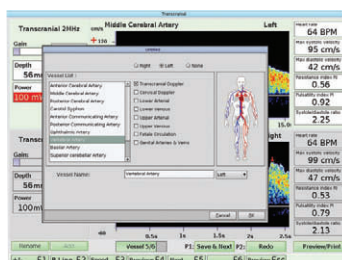
Colour printer shelf

MOD

Accessory basket

Reduced footprint

Wheel blockage



- Doppler probes: 2 MHz - 4 MHz- 8 MHz, 16 MHz (option) & 1 MHz (option)
- Multigate
- FFT spectral analysis
- Emboli detection
- Probe holder (headframe or headband)
- Display of six indices
- Management of trends
- Scrolling memory

- Automatic report generator
- Examination protocol generator
- Monitoring session generator
- Examination data base
- Data base exploration function
- Archiving function
- Stereo loud speakers
- Control key board
- Fully featured remote control

- Alpha-numeric keyboard
- 17" XGA display
- Internal MOD (ZIP)
- Colour printer (option)
- Hard disk
- Network connection
- Analog outputs and analog inputs
- Dimensions: 59x47x136 cm
- Power supply: 110-240 V, 50-60 Hz

Subject to change without notices.

Authorized Atys distributor



17, Parc d'Arbora - 69510 SOUCIEU EN JARREST - FRANCE
 Tel: 00 33 4 78 05 69 69 - Fax: 00 33 4 78 05 69 60
 E-mail: atysmed@atysmedical.com - http://www.atysmedical.com

