

MULTILAB® SERIES 2

LHS TI

Physiologic

Diagnostic

System

1 The MultiLab® is Designed and Tested in accordance to ISO 13485:2003 standards. The MultiLab® is designed and manufactured in the United States to meet the rigors of every day use. In the vascular lab, physician’s office or mobile technologist’s vehicle, the system will prove accurate and durable.

2 Fully integrated, PC based vascular system. The MultiLab® comes standard with Windows XP, allowing complete flexibility to meet whatever your facilities networking needs may be.

3 Touch Screen Display. Setting the ease of use standard, the MultiLab® LHS TI Touch Screen Display uses large, easy to read controls. Testing and training are a breeze with the LHS TI.

4 Ten Cuff Manifold. Full segmental studies are performed quickly and accurately with our five level, Ten Cuff Manifold. Remote control functions on the manifold requires little technologist movement for pressure accuracy.

5 Calibrated PVR’s. Calibrated PVR. Increase diagnostic capabilities with C-PVR. Improperly placed or mis-wrapped cuffs can lead to incorrect interpretation. Our C-PVR function immediately informs the user of cuff discrepancies.

6 Fully DICOM and Network Compatible. Fully DICOM Compatible. The MultiLab Series offers quick and reliable connection with PACS. Written in-house with support offered at no charge.

7 Temp Files: Report Editing Capabilities – The MultiLab® 2CP and LHS store up to 25 studies with full editing capabilities - even after the patient has left the building. With up to sixty seconds of scroll time at each waveform site, studies are perfect each and every time.

8 Doppler performance, second to none. With better dynamic range and superior sensitivity, TruDop™ Doppler Probes improve the accuracy and efficiency of your vascular diagnostic studies. An innovative, ergonomic design makes them easy to maneuver during examinations. Their composite technology gives TruDop™ Doppler Probes capabilities and durability not found in conventional Doppler probes.

9 VascuLink Network®. Create a community Peripheral Arterial Disease (PAD) Network with Unetixs’ VascuLink software. Acquire study data from outlying or rural facilities to increase the level of patient care and retention.

10 Configurable software. It’s your lab, why not use a system that allows you to perform a study as you would like? With infinitely configurable software, each MultiLab® is customized for the facility. We do not ask you to change the manner in which you perform studies.

11 Full range of Physiologic Tests. These include: lower and upper segmental pressures and waveforms, lower and upper digit tests, T.O.S., Palmer Arch assessment, venous reflux, and venous Doppler. All with complete flexibility in conforming to your protocol.

12 Wireless, Full Function Remote. Fitting comfortably in the hand, the compact infrared remote performs all testing functions. Stays put between exams with magnetized backing. When you’re performing the study you can run ALL functions from the remote. There is no need to touch the keyboard, flip switches or turn dials. However, if you do misplace your remote, all features are still operable via the soft touch LCD display and keyboard.

13 Sturdy, Ergonomic Cart designed with the Vascular Tech in mind. The MultiLab® cart was specifically designed to be operated either sitting or standing. The sturdy cart is designed to protect your system and provide closed storage for accessories. There are no exposed cables or cords to get damaged. The MultiLab® cart is built like the rest of the system: innovative, dependable, and very user friendly.

14 Report Review. Allows reviewing your report on-screen and deciding to re-acquire a waveform or pressure.

15 An integrated patient database.Rapidly retrieve patient data using a variety of search options including patient name and patient number. Quickly review pre and post surgical tests using the patient database.

General System Specifications

16 High output pumps. Saves time and decreases patient discomfort. Hemodynamic effects are also minimized.

17 Ultra-sensitive PPG Sensors with Convenient Clips. Decrease the time necessary for waveform or pressure acquisition and speed up the overall examination with our convenient clips. Accommodates all patient types and allows your staff to find even the weakest capillary flow.

18 Windows XP Convenient and well known, completely integrate your MultiLab into existing networks.

19 Cold Tolerance Testing. While not often utilized, this built in study combines familiar techniques with new technology, typical of Unetixs’ dedication to continual improvement.

20 Formal Post Exercise Study. Better judge the severity of disease with exercise testing. Keep track of treadmill information, symptom onset time, and total exercise time. Post exercise pressures displayed in tabular and graphic format. Post exercise waveform generated if desired.

21 Resume Test. Allows user resume the study, with no loss of data acquired, in the event of a power loss.

22 Intuitive Operation. Unetixs features the most user-friendly physiologic vascular testing software available. The large, easy to use read prompts are made even easier with the advent of the touch screen monitor. Your staff will rave about how much easier testing is after you have purchased a MultiLab® 2CP.

23 Doppler Filter. Four filter setting for waveform smoothing. Either program filter settings or change on the go.

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General Vascular Capabilities

- 1 Studies Screens:
- Lower arterial Doppler waveforms, PVR waveforms and PPG or Doppler pressure and post exercise
 - Upper arterial Doppler waveforms, PVR waveforms, PPG or Doppler pressures
 - Lower venous assessment with multiple parameter denotation.
 - Upper digit assessment with PPG, PVR and Doppler or PPG pressures.
 - Lower digit assessment with PPG, PVR and Doppler or PPG pressures.
 - Impotence assessment with PPG, PVR and Doppler or PPG pressures.

- 2 Complete flexibility in user programming

- 3 Place Doppler, C-PVR, and PPG waveforms on the same study page.

- 4 Crisp and clean Doppler tone for clean, readable tracings and accurate pressures

- 5 Ability to easily denote a pressure site incompressible as Could Not Occlude (CNO)

- 6 Large font and icons for easy reading anywhere in the exam room.

- 7 Easily rename a pressure or waveform location if necessary.

- 8 High resolution color reports.

Studies and User Defined Preferences

- 1 Doppler Waveforms:
- Use the setup feature to custom tailor the following waveform parameters:
- Probe frequency
 - Filter settings
 - Scale
 - Flow direction
 - Trace composition: separate rev/fwd, combined, no trace
 - Sweep speed
 - Automatic site selection order: alternate or sequential

- 2 PVR Waveforms:
- Use the setup feature to custom tailor the following waveform parameters:
- Sweep speed
 - Automatic site selection order: alternate or sequential
 - Multi-cuff or single cuff
 - Calibrated PVR parameters

- 3 PPG Waveforms:
- Use the setup feature to custom tailor the following waveform parameters:
- Sweep speed
 - Automatic site selection order: alternate or sequential
 - Scale

Educational Accessories

Included:

- 1 Detailed operator’s manual:
- Anatomical illustrations
 - Troubleshooting guides

- 2 PC MultiLab® Manual

- 3 On-site Inservice

- 4 Extensive ongoing support

Available:

- 5 On-site training

- 6 Multiple third party comprehensive training

- 7 Extensive reference article library

