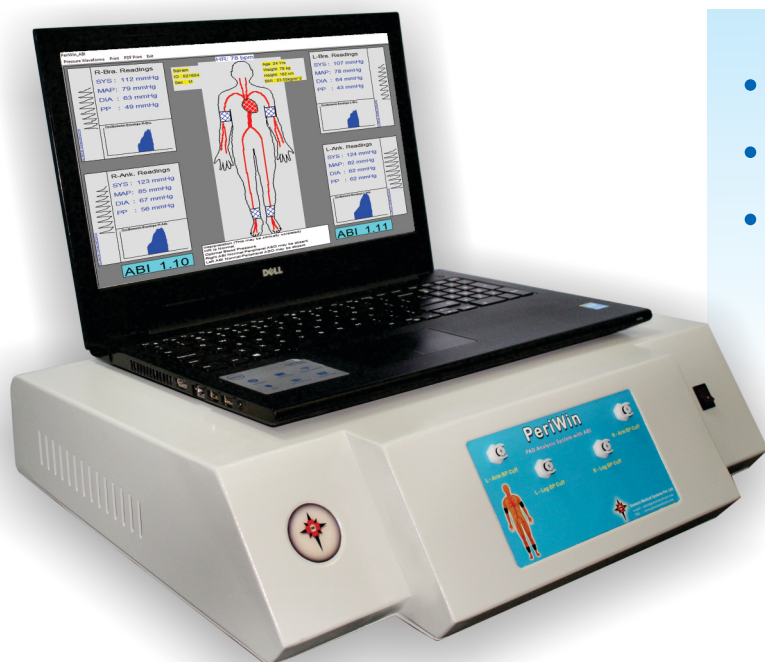




PeriWin_ABI

PC Windows* based Simultaneous ABI Analyser



- Ankle Brachial Index (ABI)
- Oscillometric Envelopes
- Pressure Waveforms

PeriWin_ABI is state of the art PC Windows* based simultaneous ABI (Ankle Brachial Index) analysis system with interpretation.

PeriWin_ABI uses automatic simultaneous NiBP (Non-Invasive Blood Pressure) measurement of all four limbs. It automatically calculates Ankle brachial Index of both Right and Left lower limbs. Additionally, it incorporates Oscillometric envelopes. These are established as independent markers of peripheral atherosclerosis.

PeriWin_ABI also calculates mean Arterial Pressure, Pulse Pressure along with pressure waveforms of all limbs. All these parameters give a complete picture of peripheral vascular function of the patient. It is a very useful tool for prevention, detection, treatment and follow up of Peripheral Arterial Disease (PAD).

Windows* based PeriWin_ABI software & USB port communication with the handy PeriWin_ABI instrument turns any PC into a full-fledged Ankle Brachial Index Analysis system, with online real time graphs on screen. It gives a multicolor / B&W one-page report on A4 size paper. In-built patient database with more than 1000 patients memory helps to keep track of patient history. All at your mouse clicks in a very user-friendly PeriWin_ABI software.



FEATURES

- Versatile tool for diagnosis of peripheral arterial disease
- Automatic and precise calculation of ABI
- Automatic blood pressure measurement
- Works with Windows* 7 / 8 / 10 operating system
- Easy to operate software

TECHNICAL SPECIFICATIONS⁵

Blood Pressure

Method: Oscilometric

Pressure Detection: Semiconductor sensor

Pressure Display Range

Systolic: 40 - 240 mm Hg

Diastolic: 20 - 180 mm Hg

Heart Rate Range: 30 - 240 bpm

Test Method:

Fully automatic pressure recordings on all limbs simultaneously

Database

MSAccess Easy Recall of any previous test

Data Acquisition

Sampling rate: 200 samples/sec

Resolution: 12 bit

Data storage: Raw data on HDD

Interface: USB

Physical Characteristics

Instrument Dimensions: 500 mm x 425 mm x 112 mm

Approximate Instrument Weight: 8.5 kgs

Power Requirements

Voltage 230 VAC \pm 10%

Frequency 50 Hz, Power Consumption 3.0 A maximum

Minimum PC Requirements

OS : Windows* 7 / 8 / 10

CPU : Celeron* 1.8 GHZ / i3 / i5 or better processor

HDD : 500GB

RAM : 2GB

Printer : Any Windows* Compatible Inkjet / Laser Jet Printer

ENVIRONMENT REQUIREMENTS

Operating and storage Temp. 15°C to 45°C

Ambient Relative Humidity 15% to 90%, non- condensing

Operating and storage Pressure/Altitude 523 mm Hg to 760 mm Hg

\$ Specifications are subject to change without prior notice

* Laptop optional

* All regd. Trademarks are acknowledged to their respective owners.

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RESULTS

Parameters:

Systolic BP for each limb

Diastolic BP for each limb

Pulse pressure for each limb

Mean Arterial Pressure for each limb

Left & Right Ankle Brachial Index

Waveforms:

Recording Pressure

Right Arm BP

Left Arm BP

Right Ankle BP

Left Ankle BP

Result review and print:

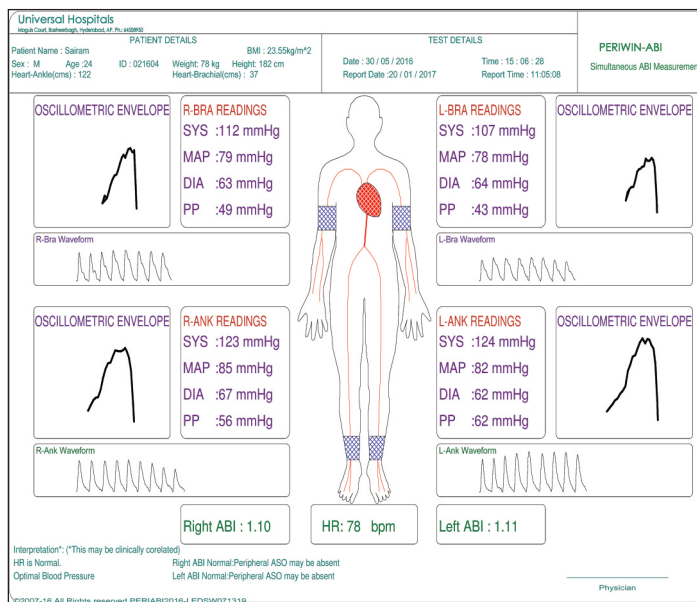
Oscillometric Envelopes of all limbs

Interpretation:

Tachy / Bradycardia

Hypertension

Atherosclerosis



Since R&D is a continuous process, features & specifications are subject to change without notice.

Certifications



EN ISO 13485:2016

Manufactured by :

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