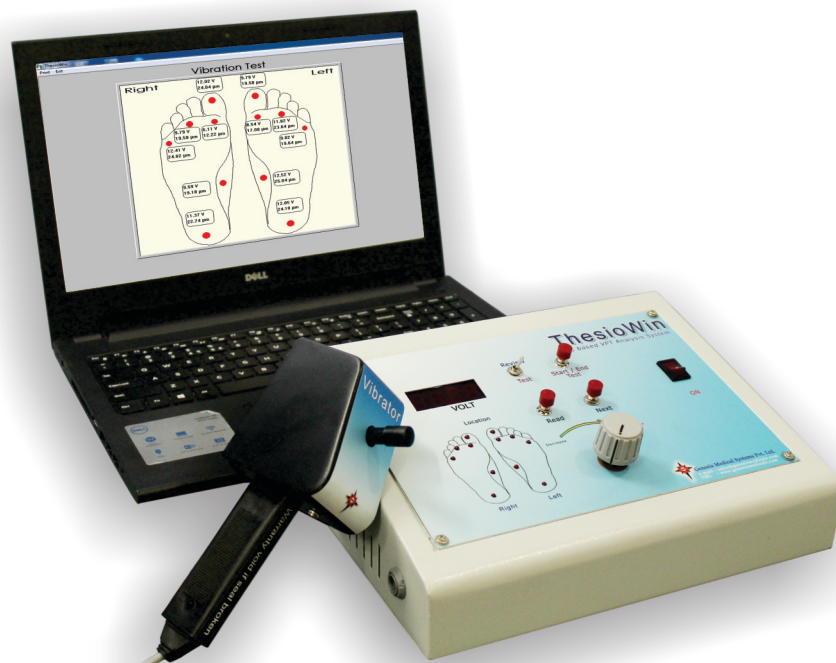




ThesioWin

PC Windows* based Digital VPT Analysis System



ThesioWin is state-of-the-art easy to operate Digital Vibratory Perception Threshold (VPT) Analysis System. It can be used both in standalone and PC based mode.

Loss of sensation due to neuropathy is the major cause of painless injuries to the feet. Such injuries result into chronic ulcerations and further complications leading to amputations.

For prevention and reversal of peripheral neuropathy, ThesioWin provides accurate readings on sensation loss, facilitating the physician for timely intervention.

The vibratory perception threshold at various sites on plantar foot quantifies the loss of sensation. Increase in VPT means diminished sensation and increasing risk. ThesioWin when used in PC based mode, a tabular trend of VPT is available. ThesioWin being digital, gives very accurate readings. It has an intuitive Reading site locator. It also has a 12 readings memory.

Windows* based ThesioWin software & USB port communication with the handy ThesioWin instrument turns any PC into a full-fledged VPT 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 ThesioWin software.

FEATURES

- Easy to operate & accurate tool to diagnose peripheral neuropathy
- Digital voltage read out
- DC to AC Conversion highly accurate and stable vibrations
- Test or Review mode operation
- Can be used without PC as a stand-alone unit
- Works with Windows* 7 / 8 / 10 operating system

TECHNICAL SPECIFICATIONS⁵

Generation: DC to AC conversion.

Method: 100 Hz vibrations using pure sinusoidal waveform
Voltage Display Range: 0 – 50V

Test Method

Sequential switch of Indicator LEDs for each foot location
User prompted readings at all locations sequentially

Data Acquisition

Instrument: Digital storage of 12 readings

PC Data Storage: Digital storage on HDD

Interface: USB

Standard Accessories

Vibrator- 1No.

Hardware unit-1No.

Power Cord- 1No.

Software CD-1No.

Physical Characteristics

Instrument Dimensions: 290 mm x 200 mm x 110 mm

Approximate Instrument Weight: 3.8kg

Power Requirements

Voltage 230 VAC \pm 10%

Frequency 50 Hz, Power Consumption 1.0 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

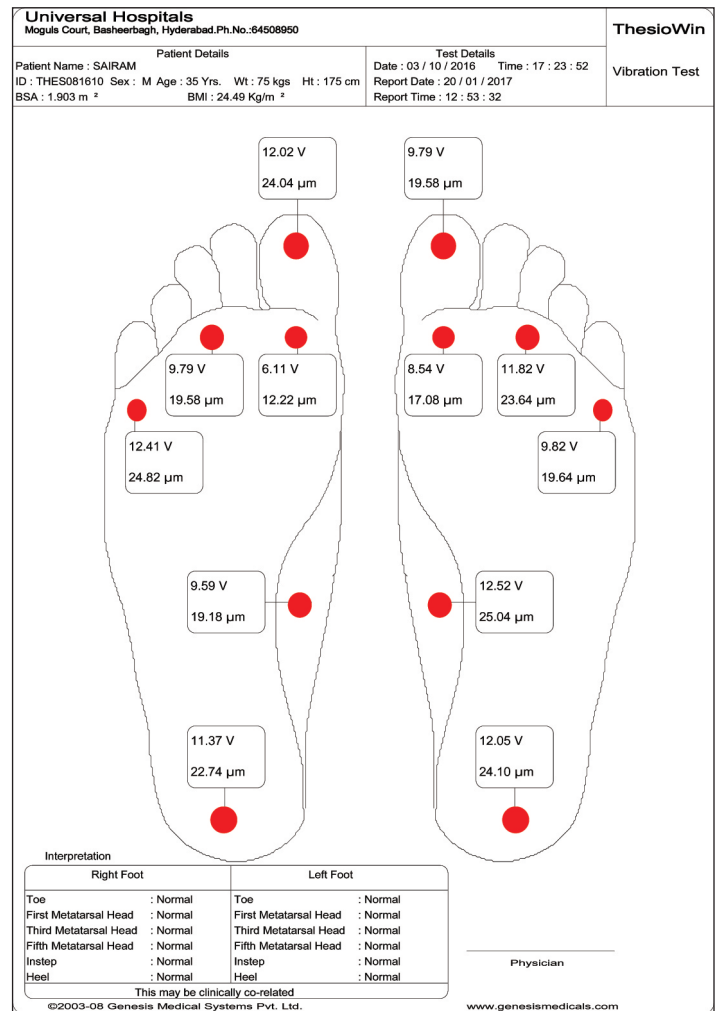
Operating and storage Pressure/Altitude 523 mm Hg to 760 mm Hg

\$ Specifications are subject to change without prior notice

* Laptop optional

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RESULTS

Readings:

Standalone & PC Based in Volts

Right Foot:

Toe
First metatarsal head
Third metatarsal head
Fifth metatarsal head
Instep
Heel

Left Foot:

Toe
First metatarsal head
Third metatarsal head
Fifth metatarsal head
Instep
Heel

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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