### **NEUROPATHY SCREENING DEVICES**

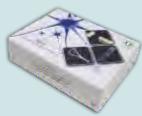
# Neuropathy Assessment Kit NA03





This kit will be a useful point of care tool for the healthcare workers for checking the loss of thermal sense(Cold), Vibration Perception

Threshold(25Volts) and Protective Touch sense. Tiptherm is used for thermal sense, Vibratip is used for the VPT and the Monofilament for 10gm touch sense. A simple and affordable kit for screening the diabetic foot.



Supplied with -

Portable Vibration Sense Device – VIBRATIP (1 No), Thermal Sense Device – TIPTHERM (1 No), 10gm Monofilaments - MF10GM (25 Nos).

# Digital Biothesiometer Vibroscreen

- Ideal for Camp
- Output in steps
- → 15V, 20V, 25V and 50V selection
- Weighs less than 2.5kg
- Low cost device
- Works better with 230Volts. AC

## Digital Biothesiometer Vibrotest Lx

- Simple Low cost device
- Digital 0 to 50 Volts output indicator
- → Electronic Tuning Fork
- Quantitative device to check VPT
- → Automatic USB connection
- ♦ Software supports Windows 7/8/10/11PC
- Software helps storage and colorful report
- → Monofilament report inbuilt
- ◆ Tests VPT/MF on the Plantar Surface
- Works between 200V & 250Volts, AC

## Digital Biothesiometer Vibrometer

- → Digital 0 to 50 Volts output indicator
- Electronic Tuning Fork
- Quantitative device to check VPT
- Check & Record Keys on Vibrator
- Monofilament test software inbuilt
- Emailing reports through Gmail
- Plug & Play with USB & Bluetooth
- Software supports Windows 7/8/10/11PC
- Software test VPT/MF in foot and hand
- Software test VPT/MF for Penile Impotence
- Software helps the user to generate customized report
- Export of patient data
- → Backup / Restore of database
- Most trusted popular model, works in 36 countries
- Dicam compatibility (option)
- Software supports Android
- Works between 200V & 250Volts, AC

# Digital Biothesiometer with Vascular Doppler **Vibrodop**

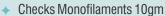
- Digital 0 to 50 Volts indicator
- Quantitative device to check VPT
- 8 MHz unidirectional Doppler
- ABI with Interpretation
- First Indian combined model with Software
- Connectivity through USB (plug & play)
- Supports Windows 7/8/10 PC
- Software helps storage and colorful report
- ◆ 90V to 245Volt AC, Main operation

## **Thermometry HCP**

- Detects the loss of thermal (Cold/Hot) sense
- ◆ Range: 1°C to 50°C
- Rate of change: 1°C per second
- → Supports Windows 7/8/10/11PC
- Helps to find Cool, Warm, Hot and Cold Perception Thresholds for foot, hand and penis
- Software helps storage and colorful report

# Neuropathy Analyser Vibrotherm Dx

- Device to check VPT and HCP(Cold/Hot)
- Digital 0 to 50 Volts output indicator for vibration



- → Temperature Range: 1 °C to 50°C
- → Rate of change: 1 °C per second
- Software helps to record Monofilament, VPT, Cold & Hot Perception Thresholds for foot, hand and penis
- → Supports Windows 7/8/10/11PC
- Software helps storage and colorful report
- → Single page or Multi page reports
- → Works between 150V to 250V, AC

# Cardiac Autonomic Neuropathy System Analyser CANS504

A popular models for testing the CAN using R-R interval and the Blood Pressure measurement in different clinically validated methods. Helps to check Parasympathetic, Sympathetic dysfunction using the simple and menu driven software.

### Parasympathetic:

- Resting ECG: Resting HR, Resting BP
- Deep Breathing: Expiration Inspiration Difference
- → Supine to Standing: 30:15 Ratio
- Valsalva Maneuver: Valsalva Ratio
- → Each test is 60 seconds period

#### Sympathetic:

- Postural Hypotension: BP standing after 1/2/3 minute Fall in Systolic BP
- Sustained Handgrip: BP after sustained handgrip after 3/5 minutes - Increase in Diastolic BP

#### Final Interpretation:

 Parasympathetic Function; Sympathetic function Cardiac Autonomic Function

