

**THE INNOVATIVE
QUANTITATIVE SENSORY
TESTING THAT REINVENTS
SIMPLICITY FOR YOU.**



NerveCheck Master, a reliable, quick and easy to use medical technology for diagnosing sensory neuropathy.

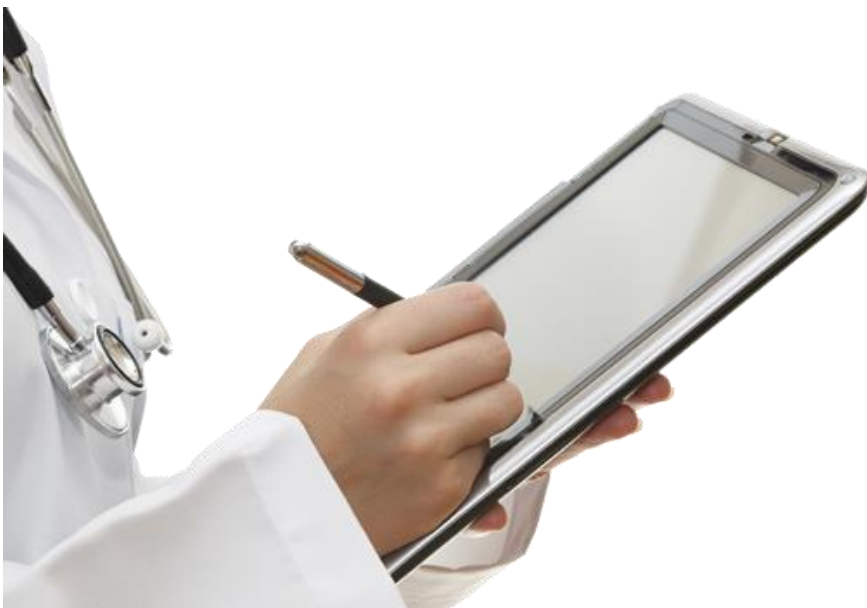
- ✓ **Diagnosis:** Performing five tests, all tests in one technology; Vibration- Cold-Warm -Heat Pain Test or Warm Test by limit method.



- ✓ **Analysis in real time:** Quantifying the patient sensory nerve fibre alteration to diagnose and to follow-up the evolution.



- ✓ **Prevention:** Early detecting the neuropathy alteration could avoid and reduce the number of amputations.





NerveCheck has been carefully designed to be used in the different Healthcare levels to **positively impact** in Healthcare outcomes and enhance the **patient's quality of care** received.

Combining multiple technologies to perform **non-invasive** tests with **reliable** results **contrasted** and **validated** in International leader institutions and two times awarded by European Union for innovation and development of a medical device.

All necessary functions now provided in one easy-to-use QST medical

- ✓ **4 Sensory Test** Vibration, Cold, Warm and Heat Pain Test or Warm Test by limit's methodology.
- ✓ **Screening Test** performing Vibration & Cold test taking 6 minutes or freely selecting the test interested.
- ✓ **Quantitative results** increasing the ability of better and early diagnoses and the follow up of the patient.
- ✓ **Get instant results** immediately displayed on the remote control.
- ✓ **A user-friendly design** allows the test to be administered by physicians, nurses, technicians of personnel Healthcare system.
- ✓ **No calibration** and no Warm-up time.
- ✓ **Wireless** equipped with Radio Frequency technology.
- ✓ **Non-invasive** manner of testing sensory perception threshold.

Technical Specifications

Class of the medical device	Ila
Stimulation Methods	Levels Limits
Compatible Operating Systems	Windows 7 Windows 8 Windows 8.1 Windows 10
Screen	LCD Alphanumeric
Interface between NerveCheck Master and PC	USB
Software to Download data	Included
Batteries Unit A / Unit B	Lithium-polymer 392mAh / Lithium-polymer 5000mAh
Stimulator	
Vibration Stimulator: Operating frequency (Hz)	248 Hz \pm 1%
Thermal Stimulator: Temperature Range (°C)	Cold Test: 15 °C - 25 °C \pm 0.5°C Warm Test: 40 °C - 46 °C \pm 0.5°C Heat Pain Test: 32 °C - 49.5 °C \pm 0.5°C
Time test performance (seconds)	Vibration Test: 2s \pm 1% Cold Test: Max. 40s \pm 1% Warm Test: Max. 40s \pm 1% Heat Pain Test/ Warm Test by Limit: Max. 16 sec \pm 1%
Environmental conditions	
Operating conditions: Temperature	18 °C (64 °F) - 30 °C (86 °F)
Operating conditions: Humidity	20 - 80 %
Storage conditions: Temperature	-20 °C (-4 °F) - 60 °C (140 °F)
Storage conditions: Humidity	20 - 80 %
Charger	
Voltage	100 – 240V AC
Frequency	50 - 60 Hz
Power adapter output	18W
Dimension / Weight	
Height / Width / Depth	113 x 66 x 267 mm
Weight (Battery included)	1.130 gr.

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*As improvements are made, these specifications are not contractually binding and may be modified without prior notice.
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