

The **NEW System** for performing and calculating **Cardiac Autonomic Neuropathy tests**, with measurement of the heart rate simultaneously with respiratory rate, intrathoracic pressure and orthostatism.

NeuroTester Air allow to carry out the following tests:

- ✓ Deep Breathing
- ✓ Valsalva Manoeuvre
- ✓ Lying to Standing



Screening for cardiovascular autonomic neuropathy should be performed at diagnosis of Type 2 Diabetes or at 5 years after the diagnosis of Type 1 Diabetes and then at least once a year.

*Recommended by the world's most important Scientific Societies**



The innovative capacitive ECG sensors to be positioned on the patient's wrists, replace the less practical chest electrodes. For this reason, NeuroTester Air does not require the patient to undress, further reducing test preparation times

Extremely user friendly and easy to operate, does not require any training.

Smart algorithm to evaluate the quality of the test execution



A voice assistant walks the patient through each test step. In addition to being provided verbally, the same instructions are also displayed on the PC screen

Respiratory flow is recorded by a pressure sensor placed inside an intelligent mouthpiece

Integrated accelerometer in the base unit for the automatic detection of patient's position (clinostatism, orthostatism)



The data is transmitted via Bluetooth in real time.

All detected physiological signals are simultaneously available on the PC screen for the operator.

In addition to promoting a more fluid use of the device, the wireless connectivity also reduces cable clutter and allows the test subject greater freedom of movement during the test



This device was designed to operate without a connection to a power grid.

The built-in lithium battery allows the device to operate for long periods of time, as well as maximum portability.

Unburdened by reliance on conventional power sources, the operator can run tests in different workstations with a device that offers considerably more flexibility than its predecessor



CE₀₀₅₁ Certified

*"Standards of Medical Care in Diabetes" - ADA, American Diabetes Association;
 "Standard Italiani per la Cura del Diabete Mellito" - SID Società Italiana di Diabetologia, AMD Associazione Medici Diabetologi;
 "Clinical Practice Guidelines For Developing A Diabetes Mellitus Comprehensive Care Plan" - AACE
 American Association of Clinical Endocrinologists and ACE American College Of Endocrinology;
 "Type 1 diabetes and cardiovascular disease" - D&CVD, Diabetes and cardiovascular disease
 Study Group of EASD, European Association for the Study of Diabetes;