



NEMUS
High performances in a small size

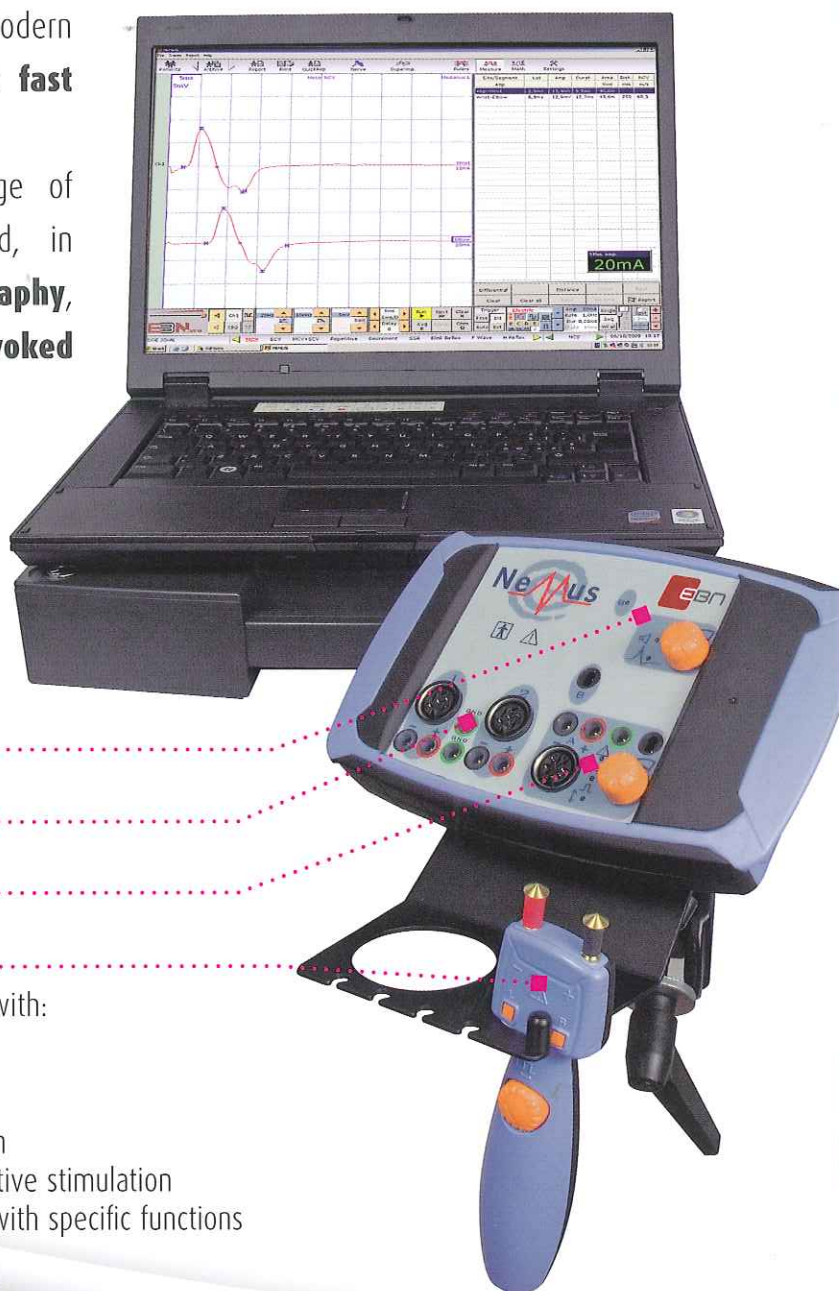


NeMus represents **EBNeuro**'s response to the request for a **complete EMG and ENG equipment**.

Due to the on board high technology and its simple and versatile software, **NeMus** stands as an integrated solution capable to fulfill the requests of a modern neurophysiology department in a **fast** and **reliable** way.

The system allows a wide range of tests, both basic and advanced, in **electromyography** and **neurography**, combined with potentiality for **Evoked Potentials**.

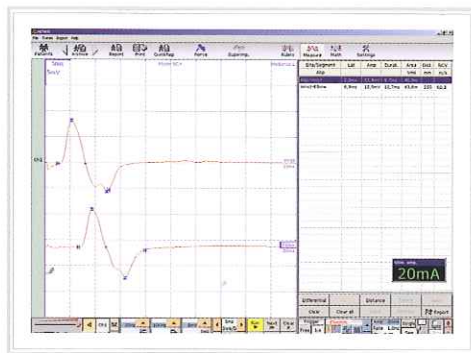
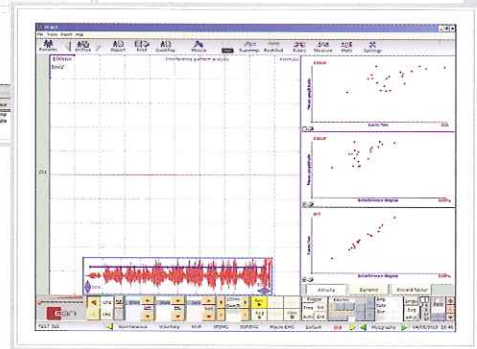
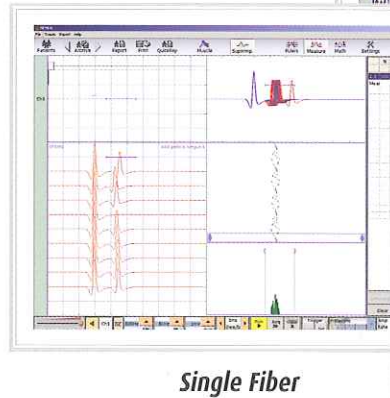
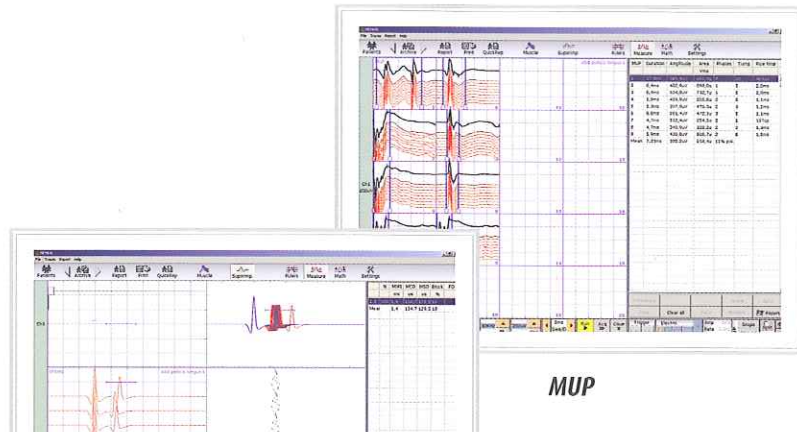
NeMus system is available both in **trolley** version, designed for outpatient reality and **portable** version, contained in a handy hard case, for doctors who operate in multiple facilities.



- Volume and amplifier gain control
- Acquisition section
- Stimulation section
- Multifunction Hand-held stimulator with:
 - ▶ Interchangeable electrodes
 - ▶ Intensity control
 - ▶ Possibility of polarity inversion
 - ▶ Management of single/repetitive stimulation
 - ▶ Two user-selectable controls with specific functions

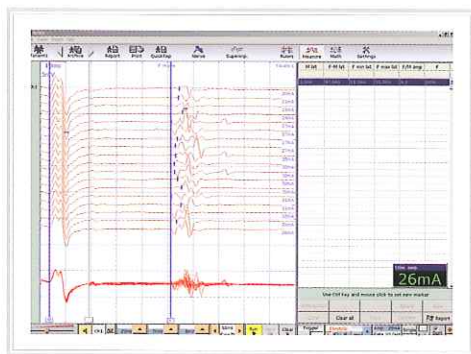
In **EMG** section are available a lot of different needle tests as:


- Spontaneous Activity
- Voluntary Activity
- MUP
- Single Fiber (including SSFEMG)
- Macro EMG
- IPA (Interference Pattern Analysis)



In **Neurography** section are available a series of specific tests as:

- MCV
- SCV
- F-Wave
- H-Reflex
- Blink Reflex
- Repetitive Nerve Stimulation
- Inching
- Collision Test
- SSR





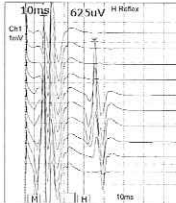
General Hospital
Neurophysiology Department
EMG Recording Report

Patient **JOHN DOE**
 Birth Date **01/01/2000**
 Gender **M**
 PID **JB09R57ACV**
 Recording Type **EMG EXAM**
 Recording Date **29/09/2009 16.47.02**

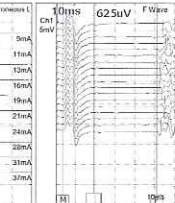
F Wave	M latency	F-M latency	F min latency	F max latency	FIM amplitude	F %
Tibialis L.	3.6	47.6	51.2	55.8	0.1	88

H Reflex	M Latency	H Latency	HIM
Peroneus L.	4.7	30.1	0.22

10ms 62.5uV H Reflex Peroneus L.



10ms 62.5uV F Wave Tibialis L.



EMG Recording Report

TECHNICAL SPECIFICATIONS

- 2 EMG/EP Channels
- 2 different electrical stimulation sites
- Integrated acoustic stimulator
- Synchronization possibility with external triggers
- Automatic environmental interference rejection
- Very large bandwidth
- High CMRR and IMRR values
- Data Base based on Galileo platform
- Customizable fast keys
- Customizable MS Word report exportable in PDF format
- Data export on CD and DVD
- Customizable 2-way footswitch
- Dedicated keyboard
- Strong carrying case
- Available in trolley and portable version



ACCESSORIES

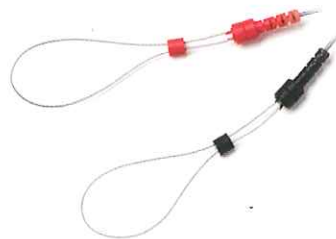
- Alligator clips for superficial electrodes
- Ring Stimulators
- Various dedicated accessories
- Hand-held electrical stimulator with customizable buttons
- Bar stimulator
- Various types of needle electrodes



Bar stimulator



Alligator clips



Ring electrodes



EB Neuro S.p.A.

**Registered Office
And Sales Department**

via P. Fanfani, 97/A
50127 Firenze - Italy
Phone +39 055 4565111
Fax +39 055 4565123
sales@ebneuro.com

**Manufacturing
Site**

via Bologna, 1
37020 Arbizzano, Verona - Italy
Phone +39 045 6028111
Fax +39 045 6028100
produzione@ebneuro.com

www.ebneuro.com

