NEMUS

TECHNICAL SPECIFICATIONS

- 2 EMG/EP Channels
- 2 different electrical stimulation channels
- Integrated acoustic stimulator
- External trigger facility
- Automatic environmental interference rejection
- Wide 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 footswitches
- Dedicated keyboard
- Strong carrying case
- Available in trolley and portable version
- HIS/EMR/HMR and HL7 compatible

ACCESSORIES

- Alligator clips for surface electrodes
- Ring stimulators
- Complete kit of EMG accessories
- Hand-held electrical stimulator with customizable buttons
- Bar stimulator
- Full range of needle electrodes

Design and specifications subject to change without notice. Some of the parts and accessories shown in the pictures may be optional or not available.

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ISO 9001:2008
ISO 13485:2012
CE 0051 (93/42/EEC)

B833006600 1_MA REV. G

NEMUS

High perfomances in a compact size

NEMUS

NeMus represents EB Neuro's response to the request for a compact EMG/NCV/EP 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.

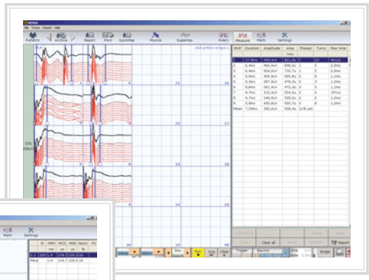
The system allows a wide range of tests, both basic and advanced, in Electromyography and Neurography, combined with potentiality for Evoked Potentials.

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.

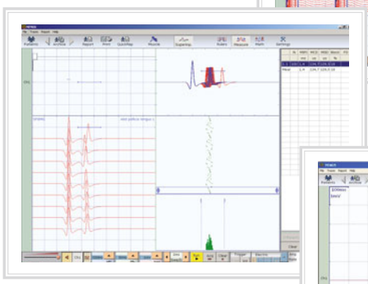
- Volume and amplifier gain control
- Acquisition section
- Stimulation section
- Multifunction hand-held stimulator with:
  - Interchangeables electrodes
  - Intesity control
  - Polarity inversion management
  - Single/Repetitive stimulation management
  - Two user-selectable controls with specific functions

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

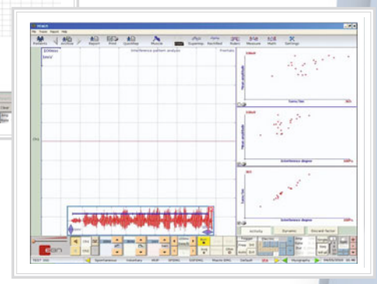
- Free-Run EMG
- MUP
- Single Fiber (including SSFEMG)
- Macro EMG
- IPA and Turn/Amplitude



MUP



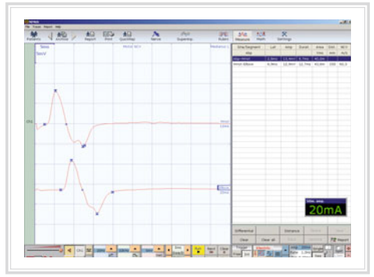
Single Fiber



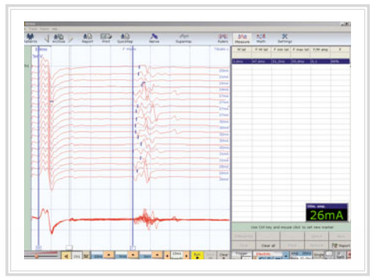
IPA

In NCV section are available a series of specific tests such as:

- MCV/SCV
- F-Wave/H Reflex
- Blink Reflex
- Repetitive Nerve Stimulation
- Inching
- Collision Test
- Triple Stimulation Technique



MCV



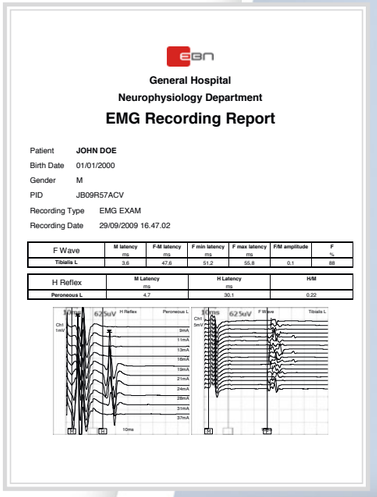
F-Wave

In Autonomic Nervous System section are available the main used tests such as:

- SSR
- HRV
- RR Interval
- Valsalva and Tilt Test

NeMus is now available for 2 channels EP tests such as:

- SEP
- AEP
- VEP
- MEP (with dedicated cable to connect to all the TMS devices)
- Cognitive Evoked Potentials (P300, CNV)



EBN

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 ms	F-M latency ms	F min latency ms	F max latency ms	F/M amplitude	F %
Tibialis L	3.6	47.6	51.2	55.8	0.1	88

H Reflex	M Latency ms	H Latency ms	H/M
Peroneus L	4.7	30.1	0.22

EMG Recording Record

EBN

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