Towards next evolution
The scientific instrument industry **Officine Galileo**, founded in 1864, during the 50’s established the Neurodiagnostic Division Instruments, the first in Italy, inside the new Medical Devices Division. During the 80’s the Medical Division became an independent company named **ESAOTE** and in 1998, the Neurodiagnostic division joined a company named **BASIS** to establish **EB Neuro**, a new industrial subject only devoted to Neurodiagnostic. Actually EB Neuro, privately owned, is one of the main worldwide players in the Neurodiagnostic market both with direct brand and with **OEM** products. On 2012, EB Neuro expanded its product portfolio through a company fusion with another Italian brand of the same market segment named **ATES Medica Device**. By actively cooperating with relevant research organizations and Key Opinion Leaders, EB Neuro wants to further develop its traditional leading role in the innovation of new technologies for EEG/LTM, EMG/EP, Magnetic Transcranial Stimulation and Cardiology.

**Certifications**

EB Neuro complies with the following certifications:

- EN 46001 ISO 13485:2012
- QSR 21 CFR Part 820 Federal Law

All products are CE-Marked and several items are also FDA-cleared and certified by CSA. Most products have also been registered with other national standards (Korean KFDA, Taiwan TFDA, Chinese SFDA, Brasil Anvisa, etc.).
The **Be Plus PRO Systems** are available in more than thirty configurations: its compact size and the flexibility of different working ways, make this system always the best choice for any need. USB connection, together with USB Flash stimulator and Laptop PC, when portability is a must, Ethernet connection to allow a fast integration and an easy placement of the system in the patient area and Wireless connection or Holter mode to grant maximum patients movement freedom.

Onboard **Color LCD display** and color changing electrode plugs, let the technician perform a perfect impedance check at any moment, while the EEG signal preview can be shown directly on board.

**INTEGRATED TECHNOLOGIES**

**LIGHT**
- 22 Monopolar Inputs
- 8 Bipolar Inputs
- 7 Additional Inputs
- 3ch Optional (SpO2, HR, PLET)

**STANDARD**
- 26 Monopolar Inputs
- 16 Bipolar Inputs
- 7 Additional Inputs
- 3ch Optional (SpO2, HR, PLET)

**FULL**
- 34 Monopolar Inputs
- 12 Bipolar Inputs
- 5 Additional Inputs
- 3ch Optional (SpO2, HR, PLET)

**ADVANCED**
- 34 Monopolar Inputs
- 24 Bipolar Inputs
- 4 Bipolar Powered Inputs
- 5 Additional Inputs
- 3ch Optional (SpO2, HR, PLET)
BE Plus LTM is the amplifier designed for LTM/Neurosurgery/Research applications in modern Epilepsy Labs starting from 68 channels, Wi-Fi communication up to 12 hours of battery life, **upgradable up to 272 channels** and DSM (Digital Switch Matrix) for brain stimulation and epilepsy surgery.

**Digital Switch Matrix** is compatible with the main Cortical Stimulators on the market and with all kind of Cortical Electrodes (Strips, Grids, Depth Needles) for a pre-surgery brain analysis.
Holter and Ambulatory device for **EEG** and **PSG studies** USB connected to the PC. Its small sizes and extremely low weight grant a perfect portability and patient's comfort. It allows up to **72h of recording** with built-in memory with standard batteries. Built-in patient button and LCD for first EEG and impedance check.

With a new dedicated proxy can be added to the Be Micro several polygraphic high resolution channels, specific channels for PSG studies (Body Position, Air Flow) and the capability to **Bluetooth connection** to a remote video camera for home care video recording.

**Neurotravel LIGHT**

High performance PC based EEG system designed for acquisition and review of EEG and polygraphic signals using the **advanced USB technology**. Neurotravel Light uses the latest USB support, allowing the EEG device to record data without batteries or external power supply, making this system **highly reliable and compact** with excellent optical patient isolation.
In Hospitals and in Neurodiagnostic practices, innovative technological solutions are needed. EB Neuro, with its expertise in the Neurodiagnostic field, offers a wide range of high level solutions, from daily routine to highly specialized examinations, thanks to the several software packages of **Galileo Suite**.

- **Easy to use software** with unlimited available customizations for extreme flexibility
- Complete suite for all kind of examinations and post processing tools
- EEG, Video EEG/LTM, PSG
- EMG/NCV
- EP/ERP
- Integrated support of most worldwide recognized advanced software packages (Besa, Persyst, Hypnolab, NXP Lab, AIT, Holberg, …)
- Maximum flexibility of Video sources (Web Cam, Analog Cameras, Full HD IP Cameras) and double camera options
- Basic and Advanced predefined Protocols for a real “Plug-and-Play” experience
- Normal Values Management
- Wide range of trigger capabilities for maximum flexibility
Neurology - Galileo Suite

EEG traces export and sharing have never been so simple. With Galileo it is possible to have free access to all the main file interchange formats like ASCII, EDF and EDF+ and also to export data in a self-running format on any digital support.

Galileo software, thanks to its flexible structure, is able to communicate and to be connected to Hospital Network and HIS. The HL7 compatibility allows the integration and communications with other software platforms for patient/data/report informations exchange. An advanced security package completes the encryption of the information as a part of the GDPR (General Data Protection Regulation) requirements.

Granting a full compatibility with Lab Streaming Layer (LSL), the power of all research projects can be unleashed with all the EB Neuro Amplifiers and Open Source Software.

Galileo’s Patient Management System (PMS) is the integrated DB manager, based on SQL engine, it grants the access to many important features from one single place.

Access the patient history, start the backup, open a report, perform queries and statistics on custom defined codes and values and start post processing with third party products: these are only some of the quick links available from the Galileo’s PMS.

The report generator, compatible with MS Office and Open Office, allows an unlimited number of templates and customizations also importing all the performed analysis.

Advanced solutions need to be as much open as they can, so the latest Galileo improvements included the integration in its own PMS of important tools for Epilepsy analysis such as BESA, Persyst, Loreta and AIT ENCEVIS. Research field is by far the most demanding in terms of stimulation flexibility, Galileo ERP Package already covers the need of clinical cognitive studies with the easiest product on the market, but now we are glad to offer also the full power of E-Prime for all kind of stimulation protocols.
NeMus is the ideal partner for routine clinical EMG/NCS/EP with its compact design, 2 channels and integrated stimulators (electrical, acoustic and visual), that fulfills all the daily tasks requirements.

NeMus 2 is a flexible and innovative system for neurological diagnosis, that integrates all the capabilities of a complete Neurophysiology laboratory in just one amplifier, with dedicated programs and accessories. NeMus 2 is the perfect system to perform EEG, EMG/NCS, EP and ICU Neuromonitoring.
STM9000 and NetBrain Neuronavigator

STM9000 is a powerful new generation repetitive magnetic stimulator, available in different versions for Clinical Neurophysiology, Neuropsychiatry, Rehabilitation and Research Applications. The device is developed on multiprocessor technology with several programmable stimulation morphologies. The device, combined with the NetBrain 9000 Neuronavigator is a complete solution for Neuronavigation in a fast and easy way. 3D MRI images can be loaded for a perfect brain structures localization. With its total integration with STM9000 systems, patients therapy has never been so easy. NetBrain 9000 is also a stand-alone device, compatible with most common magnetic stimulators on the market.

STM9000 is available in four different versions according to all customers’ requests. It starts from the Basic version (up to 10Hz) for clinical MEPs, up to UltraFast version (up to 100Hz) for advanced applications and research purposes. Two middle versions are also available: Standard (up to 30Hz) and Fast (up to 50Hz).

Applications:
• Clinical Neurophysiology exams for the study of central and peripheral nervous systems
• Cognitive Neuroscience Studies
• Therapy
• Psychiatry and Psychology Applications
• Motor and Linguistic Rehabilitation
• Advanced Research Applications

Neuronavigator Software

STM9000 is available in four different versions according to all customers’ requests.

It starts from the Basic version (up to 10Hz) for clinical MEPs, up to UltraFast version (up to 100Hz) for advanced applications and research purposes.

Two middle versions are also available: Standard (up to 30Hz) and Fast (up to 50Hz).
Cardiology

Easy ECG Pocket
- Professional PC-Based ECG for the acquisition, through USB and/or Bluetooth interface of 12-leads ECG signal
- Easy View Plus software compatible with Microsoft Windows and Mac OS
- Interpretable software for easy diagnosis
- Integrated automatic and customizable report generator
- Export/Transmission function in many formats, such as EDF, PDF, JPG, DICOM, ECG

Easy ECG Holter
- Digital ECG Holter System with up to 12 leads in only 42g
- Programmable recording up to 96 hours
- Data Storage on SD card
- Interpretative software for real-time signal check
- Many software tools for ECG analysis (Arrhythmia, QRS Classification, ...)

Easy ECG Stress
- Stress Test System
- Cyclo-Ergometer/Treadmill Complete Management
- ECG Data Management and transmission

Dicom, email, 4G, SD, email, HL7

Tablet Acquisition/Review
4G, email, HL7

SD, email, HL7
Wide range of Accessories for Neurology and Cardiology.

- Prewired Headcaps
- Bar and Ring Stimulators
- Surface Electrodes
- Concentric, Single Fiber, Monopolar, Botox Injection Needles
- Cup Electrodes
- Bridge, Ear Clip Electrodes, Rubber Headcaps
- Conductive, Preparation Creams and Gels
- Suction Cups, ECG Clamps and Dedicated Cables

Download Accessories Portfolio for more details