

MYOQUICK matrix line

NEW SERIES



MYOQUICK

**SystemPlus
EVOLUTION**

Revolutionary EMG EP System

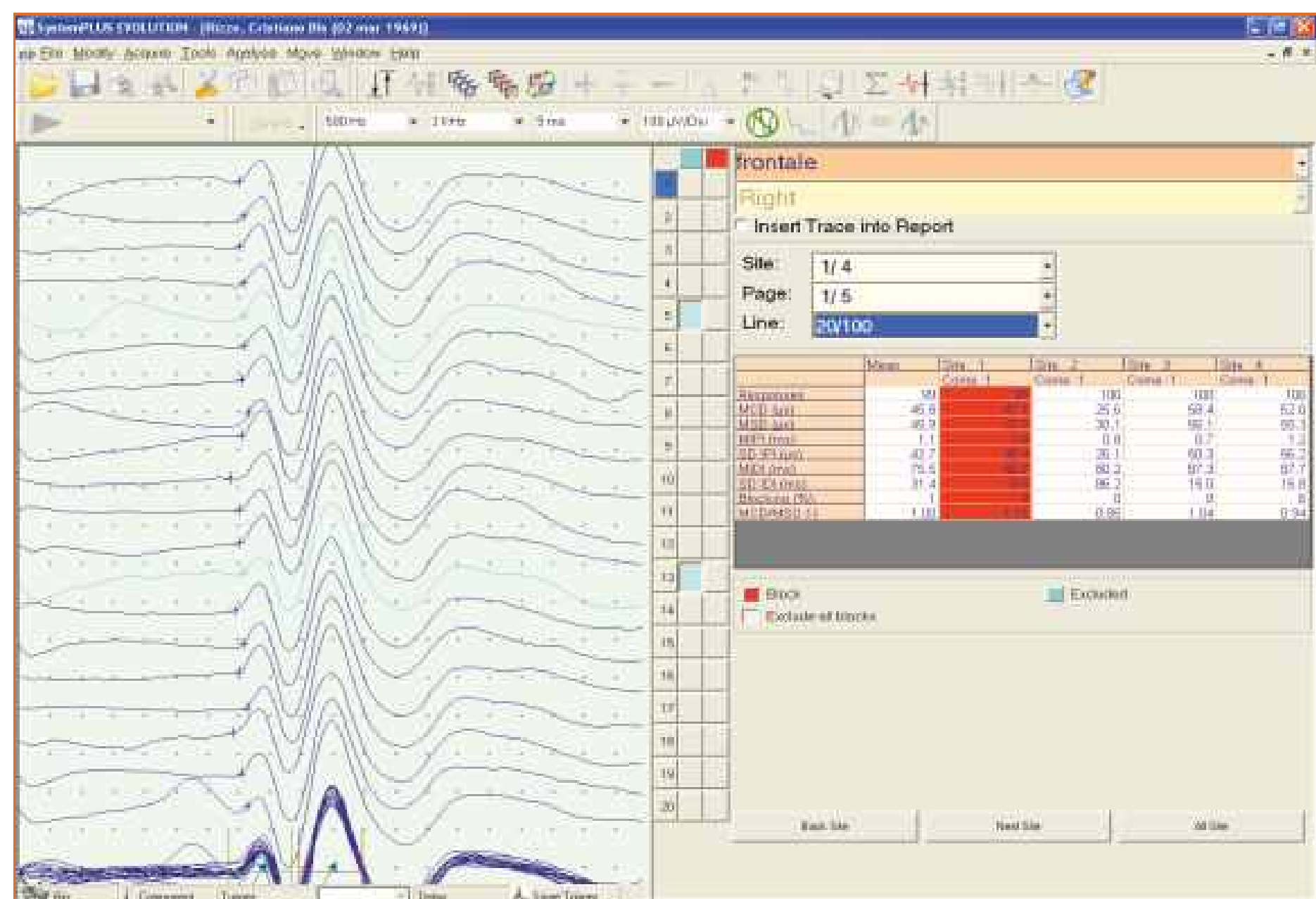
2 5 9 13 17 Channels

- Best Quality in EMG:
 - Unlimited Needle EMG Recording and Playback
 - Stimulation Artifact Free Recordings
 - Anatomic or Study-Oriented Protocol Customisation
 - Dedicated Control Keypad and Footpedal
- Perfect Accuracy in Evoked Potentials:
 - High Quality Acoustic and Visual Stimulations
 - Advanced Filter for Improved Response Quality
 - Complete Control of Pattern Reversal
- Excellent Signal Recording with **matrix** Series Amplifiers
 - Bandwidth from DC to 20000 Hz
 - 16 and 32 bit Analog Digital Conversion
 - Dedicated Channel for Temperature Probe
- Extreme Performance with **energy** Series Stimulators
 - Integrated Acoustic, Visual and Electric Stimulator
 - Up to 300 Hz Stimulation Rate
 - Up to 2 Independent Electrical Stimulators
 - Up to 4 Electrical Stimulator Outputs
- Switch Matrix allowing Combination of Every Amplifier to any Input Connector on the Headbox
- Optional Intra Operative Monitoring (IOM) package
- Network Integration with :
 - Centralized Data Storage
 - SQL Database - Interface to Hospital Database
- Compatible with Magnetic and Laser Stimulators
- Connection to Multiple External Triggering Sources
- Possibility of Expansion with:
 - **BRAIN QUICK** EEG Series
 - 32 Channel EP Maps and Source / Dipole Analysis
 - 32 Channel On-Line and Off-Line ERP
 - EP Grand Average - Study of Patient Groups

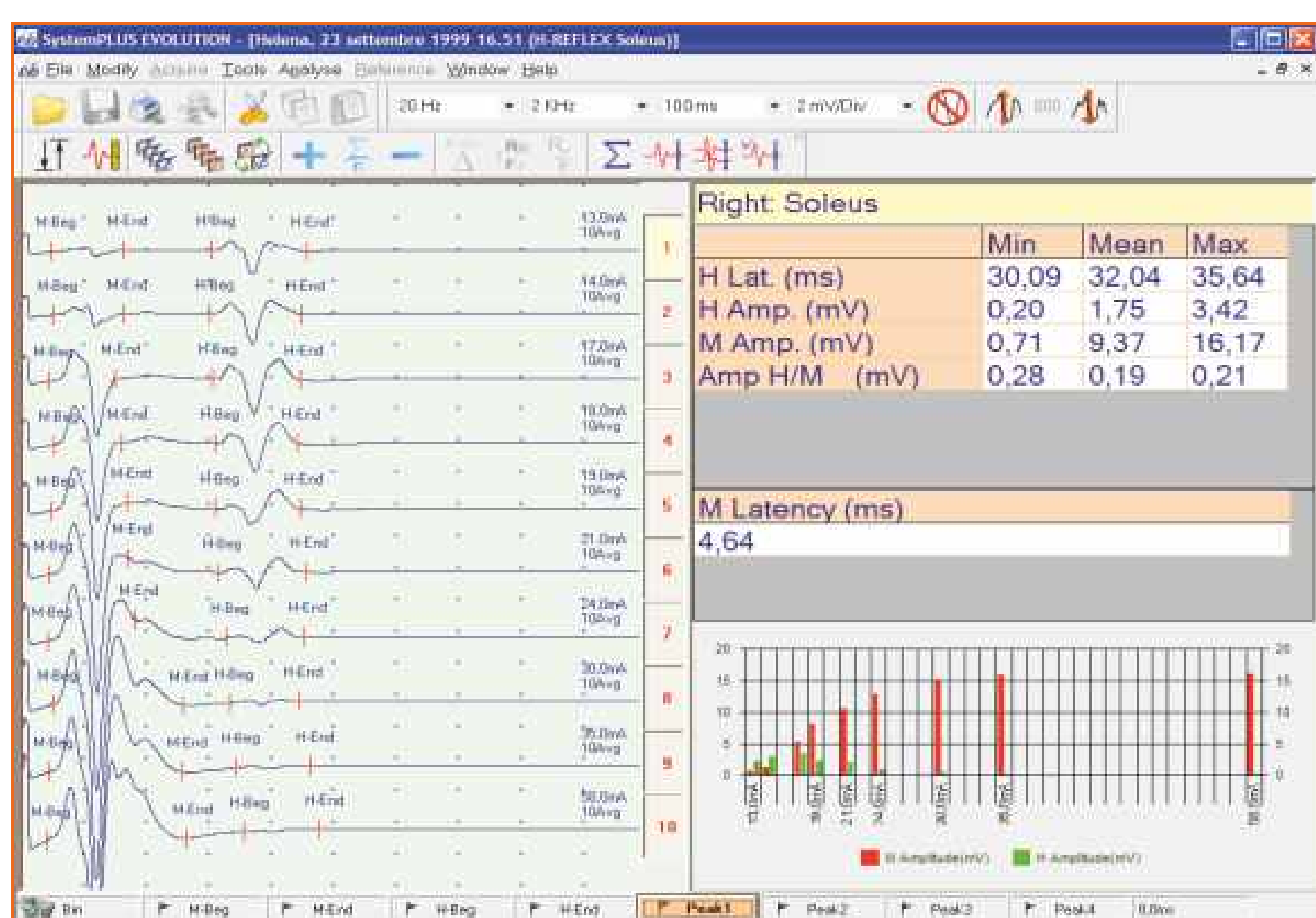
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MYOQUICK matrix line

The Neuro-Evolution



EMG - Single Fibre Test



EMG - H Reflex

MYOQUICK matrix line series: EMG and more

All MICROMED experience in neurophysiology diagnostic is now available in the new range of EMG-EP-IOM devices: **MYOQUICK matrix line**. The completely redesigned **matrix** amplifier and **energy** stimulator offer unbeatable performance and reliability. Signal acquisition and management has never been so accurate as with **MYOQUICK matrix line**: software interface is easier than ever, quick reporting is a reality, stimulation artifacts are completely removed and fully customizable anatomic-oriented or study-guided protocols allow to obtain higher quality tests in a shorter time. The system is the lightest in the market and it can be totally battery powered giving an unique result in term of transportability: forget the old style heavy docking stations!

As additional value, SystemPLUS EVOLUTION software can integrate all types of neurophysiology diagnostics in a single application and the unique archive and project design guarantees all the standard activities of Acquisition, Review, Report and Archive to be managed in a single unit. MICROMED really pushes your neurophysiology lab. to the cutting edge!

A complete series of Test for Electromyography

MYOQUICK matrix line supports the following EMG tests:

- Needle EMG, MUAP Quantitative Analysis, Triggered EMG
- Turns & Amplitude, Functional EMG (IPA combined with MUAP)
- Single Fibre, Stimulated SF (Jitter and Fibre Density), Macro EMG
- Motor Unit Number Estimation (MUNE)
- Motor and Sensitive Nerve Conduction Velocity
- F Wave, H Reflex, Repetitive Stimulation
- Collision test and Inching test
- Blink Reflex, Inhibitory Reflex, Jaw Jerk
- Symphatethic Skin Response (SSR), R-R Interval Analysis
- Triple Stimulation
- Configurable Protocols for additional tests

Open, Flexible, Modular...

MYOQUICK matrix line represents a true reference concept in the field of medical devices since it is designed for expansion and integration. The MICROMED difference is even more: the aspect that distinguishes our approach is the particular feeling to combine customer requests with the availability of new technologies, often producing "brilliant" solutions. Every relationship with the customer is therefore transformed in an opportunity of common growth, where correctness and expertise overlap and constitute real collaborations, making People protagonists and the center of MICROMED attention.

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Distributed by:

**SystemPlus
EVOLUTION**

NOTE: Some of the Listed Features may be Optional DMOSEV.EN-3.02



A complete series of Test for Evoked Potentials:

MYOQUICK matrix line supports the following EP tests:

- SEP - Somatosensory Evoked Potentials
- VEP - Visual Evoked Potentials
- AEP - Acoustic Evoked Potentials (ML, LL)
- BAEP - Brain Acoustic Evoked Potentials
- MEP - Motor Evoked Potentials
- LEP - Laser Evoked Potentials
- P300, MMN, CNV
- ERP - Event Related Potentials

Available in the
MYOHANDY version too



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