

# BRAIN SPY PLUS

## First-Class Ambulatory Recorder



- **21 Channel Polygraphic Recorder**
  - 8 Common Reference EEG Channels
  - 8 User Selectable Bipolar / Common Reference EEG
  - 2 DC Channels
  - 3 Digital Channels for SpO<sub>2</sub>, Beat and Pulse
- **Compact Design: Very Small Size and Weight**
  - Only 11 x 8 x 3 cm
  - Weight < 250 gr
- **Strong and Robust Design to Resist to any Kind of Shock**
- **Protection Bag with possibility to Lock the Case**
- **Powered by just 2 "AA" Batteries**

### EEG / PSG Ambulatory Recorder

#### 21 CHANNELS

- **Excellent Recording Characteristics with:**
  - Noise lower than 0,1  $\mu V_{rms}$  @ 128 Hz
  - 16 bit Analog/Digital Conversion
  - 4096 Hz Hardware Sampling Rate
  - 128 to 1024 Samples/s Stored into the Memory Card
- **Sound Playback of EEG Traces up to 100x during Review for a Quick EEG Reporting**
- **Large Graphical LCD Display showing:**
  - Impedance Measurement (Graphs and Numerical)
  - Patient Information
  - All Recorder Settings
  - Input Signal for Visual Inspection
- **Time Locked Patient Marker**
- **Signal Storage on Extractible Compact Flash Memory Card for more than 48 Hours Recordings without Changing Batteries**
- **Data Transfer for On-Line Direct Acquisition via :**
  - Micromed Interface via Fibre Optic or Cable
  - Bluetooth® Wireless Connection
- **Data Transfer for Review:**
  - Micromed Interface with Fibre Optic or Cable
  - New Flash Card Reader on USB
- **Extensive Choice of Accessories**
- **Possibility to use the Recorder on a Dedicated Review Station or to Combine it with any **BRAIN QUICK** or **MYOQUICK** Acquisition System.**

**SystemPlus**  
**EVOLUTION**

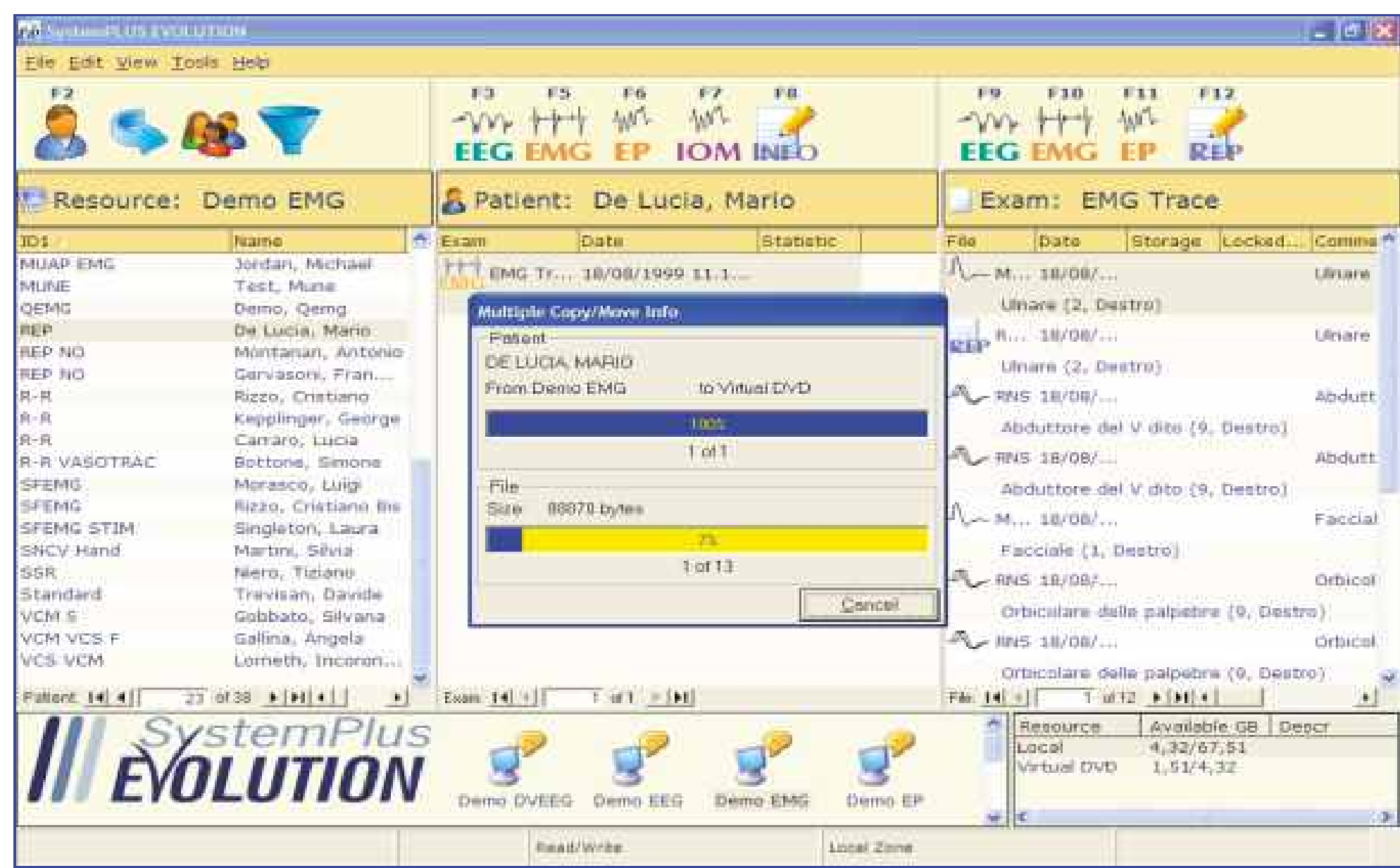
BRAIN SPY PLUS

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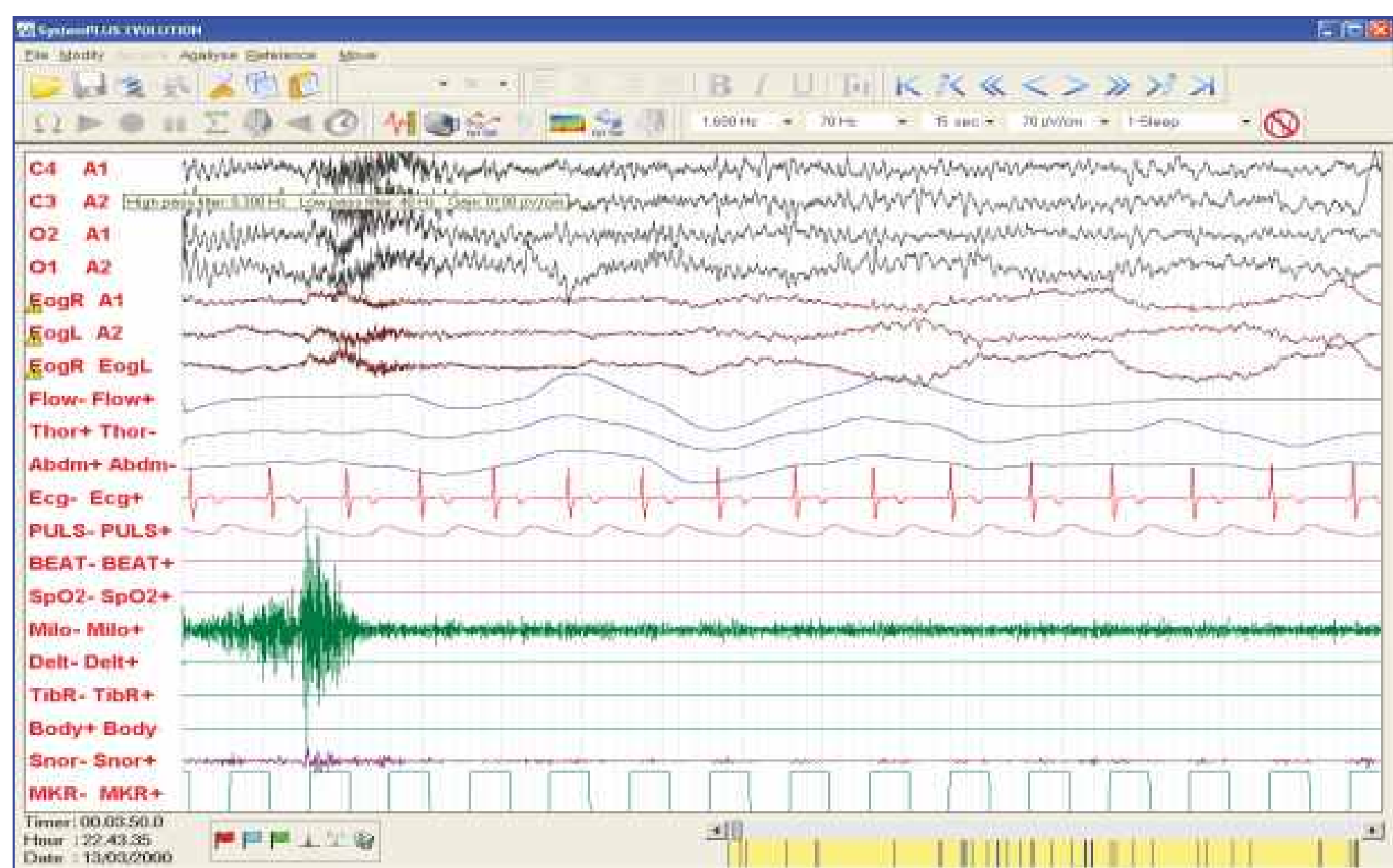


# BRAIN SPY PLUS

## the «Perfect» Recorder



General Archive, Patient Management and Network Transfer Screen



Review Window

### Open, Flexible, Modular...

SystemPLUS EVOLUTION 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.

**micromed** S.p.A.

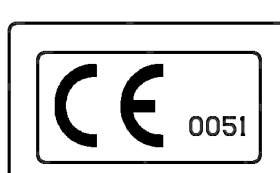
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EVOLUTION**

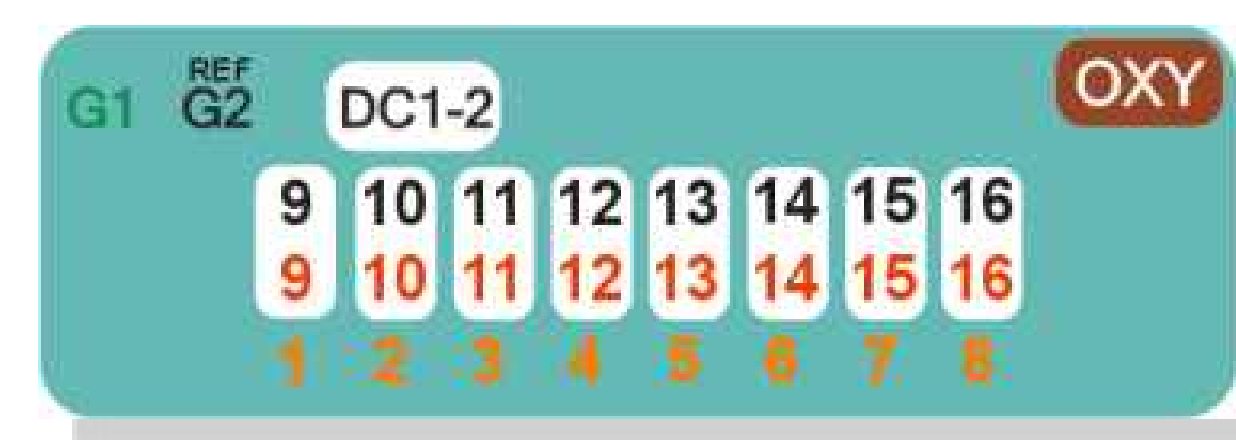
NOTE: Some of the Listed Features may be Optional

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### BRAIN SPY PLUS: The Real Ambulatory Recorder

The new range of **BRAIN SPY PLUS** devices integrates MICROMED's wide experience in neurophysiology diagnostics and in designing handheld ambulatory recorders that can be connected to any SystemPLUS EVOLUTION unit. The **BRAIN SPY PLUS** recorder is an handheld 21 channel unit covering a wide range of Ambulatory applications like EEG for Epilepsy and Polysomnography. Its very small size and weight make this instrument a true reference in the field of Ambulatory recorder. In addition, **BRAIN SPY PLUS** is completely battery powered with 2 "AA" batteries lasting up to 48 hours which makes it really ideal for these applications. The recorder is absolutely User-Friendly: just wirelessly connect it to a Workstation to check Impedances and Signal Quality, put it into its protection case and everything is ready for a 48 Hour recording. When the patient comes back, just remove the Memory Card and download the entire recording in a couple of minutes. Channels can be easily identified thanks to the coloured coded connectors placed on the top of the recorder. Dedicated connectors are available for DC Channels and for Oxymeter.



### Ambulatory Recorder: Defining Standard for the Future

**BRAIN SPY PLUS** Ambulatory Recorder is the latest version of the famous **BRAIN SPY** recorder family designed by Micromed in its 30-years experience in the field. The cutting edge technology, combined with the extremely compact size, light weight and flexibility make the system a new milestone in Micromed ambulatory recorder history and the new wireless Bluetooth® transmission option is the key-feature adding an unique power to the unit!



BRAIN SPY PLUS  
Protection Bag

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