

MORPHEUS HOME LTM

The Perfect System for VideoEEG at Home

NEW PRODUCT



Ambulatory VideoEEG System 34 Channel... and Just One Button



- Compact Design: Very Small Size and Light Weight
 - Only 11 x 8 x 3 cm, weight < 250 gr.
- Very Simple Startup: Just One Button to Push!!
- 34 Channel Polygraphic Recorder:
 - 12 Common Reference EEG Channels, 2 DC Channels
 - 12 User Selectable Bipolar/Common Reference EEG
 - 2 Built In Respiratory Inductive Bands Effort Channels
 - 2 Built In Flow Pressure Channel (Diff. and Gauge Plug)
 - Embedded Body Position Channel
 - 3 Digital Channels for SpO₂, Heart Rate and Pulse
- Excellent Recording Characteristics with:
 - 16 bit ADC, Noise lower than 0,1 μV_{rms} @ 128 Hz
- Signal Storage on Extractible Compact Flash Memory Card for more than 72 Hours Recordings
- High End Compact Camera with:
 - Up to Full HD Resolution (1920 x 1080)
 - Bluetooth® Wireless Connection for Synchronisation

The great results on extreme integration and miniaturization, together with Micromed know-how on Video EEG and Wireless Transmission, generate a unique product which opens yet unexplored diagnostics possibilities.

MORPHEUS and **HOME LTM**, thanks to customized «wireless» protocols between Camera and Recording Unit, allows recording of Long Term Video EEG at home and this grants Maximum Comfort to the patient. The extremely User Friendly interface of the system allows keeping the famous and acknowledged “Gold Standard” in EEG recording provided by all Micromed Units.

The combination of **MORPHEUS**, Micromed “Reference” Ambulatory Recorder, with the most advanced Video technology, together with the “Push Button” user interface, makes this solution truly innovative and performing.

A product that qualifies the More Exigent Departments

MORPHEUS and HOME LTM

SystemPlus
EVOLUTION

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MORPHEUS HOME LTM

The "Gold Standard" Ambulatory Recorder for New Applications

All the Information, in FullHD, recorded at Home



Open, Flexible, Modular...

SystemPLUS EVOLUTION represents a true reference concept in the field of medical devices since it is designed for expansion and integration. 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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S.p.A.

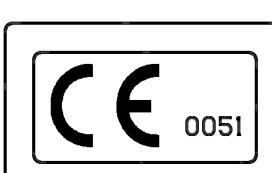
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**SystemPlus
EVOLUTION**

NOTE: Some of the Listed Features may be Optional

DHLSEV.EN-3.02



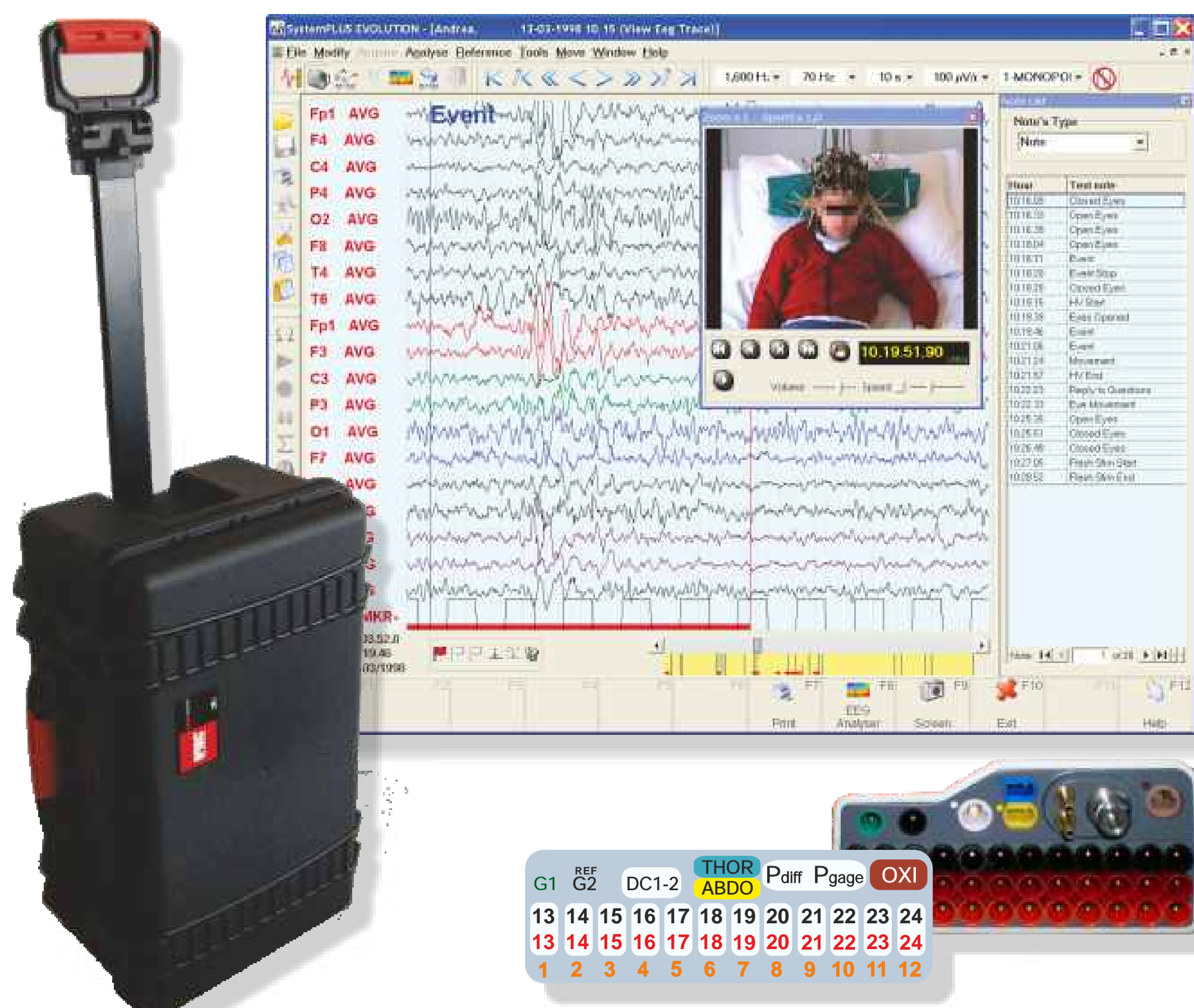
The best way to record a Seizure, Sleep or a particular Neurologic or Cardilogic Event is to use an Ambulatory Recorder in the most friendly environment for a patient: his Home! The device need to be robust to grant the maximum comfort and reliability, need to guarantee the maximum signal quality with excellent characteristics of low power consumption and high battery durability in order to comply with the diagnostic requests.

MORPHEUS and **HOME LTM** is the optimal answer to all of these requests. It is the lightest amplifier in the field and it just uses 2x simple "AA" batteries. It is perfectly integrated with SystemPLUS Evolution software and it grants perfectly synchronized EEG and Video data.

It is extremely simple to be used by the patient at home: just «One Push» on the Button allows the starting of the EEG and Video recording and does not require any dedicated cabling between recorder and camera. The patient does not need to interact with the software as the system is totally automatic and does not need to interact with a PC.

MORPHEUS is a device that can be used both as Headbox and Ambulatory Recorder. The presence of Integrated Inductive Belts for Respiration, Cannula for Flow and Pulse Oxymeter significantly increases the system performance. The recorder is also a Body Position itself: just fix it on the patient chest.

A Complete VideoEEG..... Small Only in Size!



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