

# BRAIN QUICK

## BRAIN QUICK - LTM LINE

The “Solution” for Epilepsy  
Long Term Monitoring. FullHD  
40/72/136/256 Channels



### EXPERTISE. ANY DETAIL IS LTM ORIENTED

Micromed BRAIN QUICK LTM systems are based on an over-20 years' experience working close to the best EMU center worldwide. This allows the system to be easily customized to the always-different needs of recording, monitoring and reviewing of the EEG, Audio and Video and Events that any Epilepsy center has.

### INTEGRATION. BEYOND ANY EXPECTATION

Micromed offers distributed solutions ranging from a single stand-alone unit to tenth of units interconnected over the network in real-time. Database can be centralized and integrated with Hospital Information Systems in compliance with all data management policies. HL7 Messages interface is also available and standardized to the highest level. Systems allows Secure Data Sharing and virtualization of resources. All of this, together with the extraordinary expertise of the Micromed team allows easy customization of the solutions for VideoEEG and Report collection, distribution and archiving.

### TECHNOLOGY. WE DEFINE THE STANDARDS

40 and 72 channels amplifiers that can be daisy chained to get to 136 or 256 channels with sampling rate of 8/16 KHz and lot of Polygraphic channels. All of this into extremely comfortable “wearable” devices with very long lasting batteries that allows using them as fully independent ambulatory recorders as well. Very high-resolution video systems (FullHD) combined into distributed solutions with full control of any single element from any desired location, keeping maximum precision of the synchronization. The dedicated, compact, programmable and fully software controlled Cortical Stimulator has set a new standard in the field.

### NO LIMITS MOBILITY. A WORLD WITHOUT EDGES

Advanced management of wireless communication, with roaming on different areas and automatic switching between wired / wireless / “no connection” modes allows truly continuous recording without losing any single sample of EEG data.

### SOFTWARE. WE MANAGE COMPLEXITY

The powerful BRAIN QUICK software platform manages multiple type of tests (EEG, LTM, ICU, EMG, EP). Dedicated tools for Long Term EEG recording allows panoramic view of events distributed on different recordings and/or different days. Additional tools exists for video archiving and video clipping even during collection. Advanced real time networking with Remote Review allow continuous and efficient monitoring of the recording from any other station. HFO High Frequency Oscillation analysis is also available now.

### MODULAR. CONTINUOUS GROWTH

From a single Stand-Alone Device to a distributed networked system: from 40 to 256 channels. The compliance with the most advanced standards allows an easier and faster integration of any recording or review and analysis station. Third party software can be easily integrated to run Full PSG analysis and Source Analysis.

