



MEP MONITOR

The MEP Monitor can be used with a MagPro R30+X100 magnetic stimulator as a medical tool intended to assist in the electrophysiologic monitoring, description and evaluation of muscles, nerves and of structures in the central nervous system in normal and pathological conditions and as an aid for MagVenture TMS Therapy to determine the patient's individual Motor Threshold (MT). The MEP Monitor is a one channel EMG amplifier mounted on the back of the MagPro, optimized for Motor Evoked Potentials (MEP).

Contact

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Technical data

Dimensions	(HxWxD:) 184 x 94 x 40mm/7.2x3.7x1.6 in
Weight	0.7kg/1.5 lbs
Number of Inputs	1 input protected against electrostatic discharge. Balanced inputs.
Sound	5-pol DIN 240° connector for electrode cable.
Patient Safety	Output for external loudspeaker, 3.5mm jack EMG channel galvanically isolated 1.5 kV RMS
Input Impedance	200 M Ω // 100 pF (balanced), >100 M Ω // 75 pF (common mode)
Noise Level	Typical 0.6 μ Vrms at bandwidth 2 Hz to 20 kHz and shorted input
Sensitivity Factors	50, 100, 200, 500 μ V/Div, 1, 2, 5, 10 mV/Div
Time Scales	1, 2, 5, 8, 10 mS/Div
Trigger Mode	Level, Autotrig on stim
Lower Frequency Limits (-3dB): DSP	1, 2, 5, 10, 20, 50, 100 Hz
Upper Frequency Limits (-3dB): DSP	1, 2, 5, 10, 20 kHz
Anti Aliasing	20 kHz (-3 dB), 1 st order
Sample Rate	100 ks/s, 16 bit

Operating period

8 years

Ordering Numbers

9016C070- (MEP Monitor incl. 0.7mm/0.03 in cable and electrodes)

9016C071- (MEP Monitor incl. 1.5 mm/0.05 in cable and electrodes)