



Muscle Tester series **BIOMONITOR** **ME6000**

The Mega Muscle Tester series technology has been used worldwide since 1983. Specialists in top research institutes and universities have selected these instruments for their precise monitoring needs.

The Biomonitor ME6000 is designed to meet the most demanding needs in electromyography (EMG) and in the measurement of other physiological signals in biomechanics research, rehabilitation, occupational health and sports medicine. The small, ambulatory, battery-operated unit includes the unique features of a pocket-size data logger and wireless telemetry system in a single compact unit.

The Biomonitor ME6000 and MegaWin software together allow accurate measurement and provide tools for flexible signal processing and data analysis in a single package. Signal registration in real-time with video synchronization expands the applications and helps with off-line analysis and data interpretation.

The measurements can be stored in the memory (CF memory card) or monitored on-line. The large graphics LCD display provides clear menus and makes the use of ME6000 very easy. The maximum sampling rate is 10,000 Hz per channel with 14 bits resolution. The ME6000 includes also MP3 features and is fully compatible with MegaWin™ software. The 16-channel system includes wireless WLAN telemetry as standard; for four- and eight-channel models this is optionally available.



- High-resolution LCD display
- Real-time signal display
- Programmable presets
- Easy-to-use menus
- Data logging and on-line measurement
- Wireless WLAN telemetry
- Memory capacity of 256 MB or more
- MP3 audio features
- 14 bits resolution
- Trigger in/out
- Other sensors optional

APPLICATIONS

- Rehabilitation
- Sports medicine
- Occupational health
- Ergonomics
- Education
- Research



SPECIFICATIONS

	ME6000-T4*	ME6000-T8*	ME6000-T16*
4 channels	x		
8 channels		x	
16 channels			x
WLAN telemetry interface	Optional	Optional	x
USB PC interface	x	x	x
EMG type	Raw / averaged / true-RMS / integrated		
Sampling rate	1,000 / 2,000 / 10,000 / 250 / 100 Hz		
Memory (CF memory card)	256MB / 512MB / 1GB or more		
CMRR	Typical 110 dB		
Resolution	14 bit		
Power source	4 x 1.5V batteries (AA/LR6 type)		
Dimensions	181 x 85 x 35 mm		
Weight	344 g		
Software	MegaWin		

* The Muscle Tester series technology meets medical CE (CE 0537), MHW (Japan) and FDA requirements.



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