



MEGA ELECTRONICS LTD.

- Biosignal professionals -

EMG APPLICATIONS - ME6000 BIOMONITOR

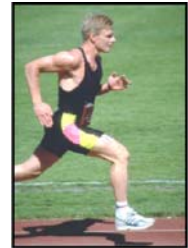
Rehabilitation

Basic analysis
Follow-up
Activation order
Muscle work
Side differences
Isokinetic systems



Sports

Targeted training
Slope analysis
Field testing
Power production
Endurance
Video EMG
Other sensors



Occupational Biomechanics

Ergonomics advising
On-site measurements
Low back pain evaluation
Work task analysis
Long term measurements
Video EMG



Dynamic Tests

Field tests
Functional tests
Video EMG
Multichannel analysis
Other sensors



Gait Analysis

Video EMG
Goniometers and foot switches
Gait patterns
Activation order
Force plates
Motion analysis



Exercise Physiology

Targeted training
Motor learning
Teaching muscle functions
Video EMG



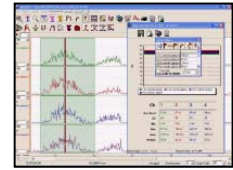
Military Applications

Fighter pilot studies
Helmet etc. development
Backpack etc. studies



Basic Analysis

Visual, statistical
Zoom, cursor
Signal overlap



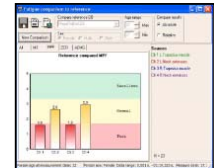
Symmetry

Activation order
Side differences, left/right
Injured/normal muscles



Fatigue Analysis

Muscle fatigue
Reference data
Spectrum parameters (FFT)



Neurology

Stroke patient rehabilitation
Nerve conduction velocity
Fine wire / needle electrodes



Video EMG

Dynamic tests
Real time measurements
Field measurements
Fully synchronized
Snap shot window
Video reports



Goniometers and Torsiometers

Force
Accelerometers
Heart rate
ECG
Foot switch
Tidal volume
Isokinetic systems

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