

# Myometer

## Muscle Strength Tester with Constant score facility

Fixed-point myometers provide more reliable measurement of isometric muscle strength compared with hand-held devices.

The Mecmesin AFG Myometer is a highly accurate instrument suited to a wide range of muscle strength evaluations and for ergonomic testing.

The integral Constant score facility automatically records the applied load at 2 and 3 seconds, the maximum load, and the mean load between 1 and 4 seconds.



**Myometer testing muscular strength**



**Horizontal application**



The AFG Myometer comprises a digital force gauge with accessories for bench-clamping, and adjustable loops to pass around limbs for pulling.

Health professionals will find the AFG Myometer invaluable for reliable comparative assessment of patient muscle strength. As a diagnostic tool, its accurate measurement can assess injury and disease progression, and treatment success. As a training aid, it can objectively assess muscle development in sports persons' limbs for pulling.

## Features

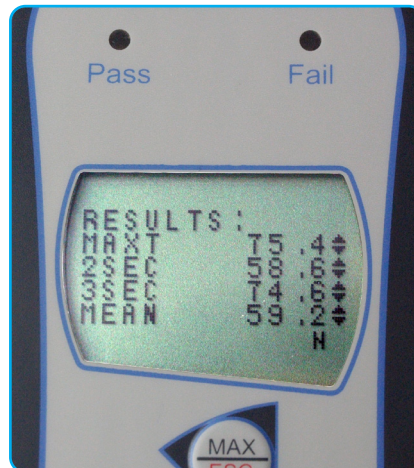
- 1000 N capacity
- All information clearly shown on digital display
- Accuracy  $\pm 0.1\%$  of full scale deflection
- Peak data capture rate 5000 Hz
- Digital and analogue output
- Reversible display and backlight functions
- Traceable certification and calibration service

## What's Included

- AFG Myometer
- Accessory kit
- Transit case
- Calibration certificate
- VectorPro™ Lite software and cables



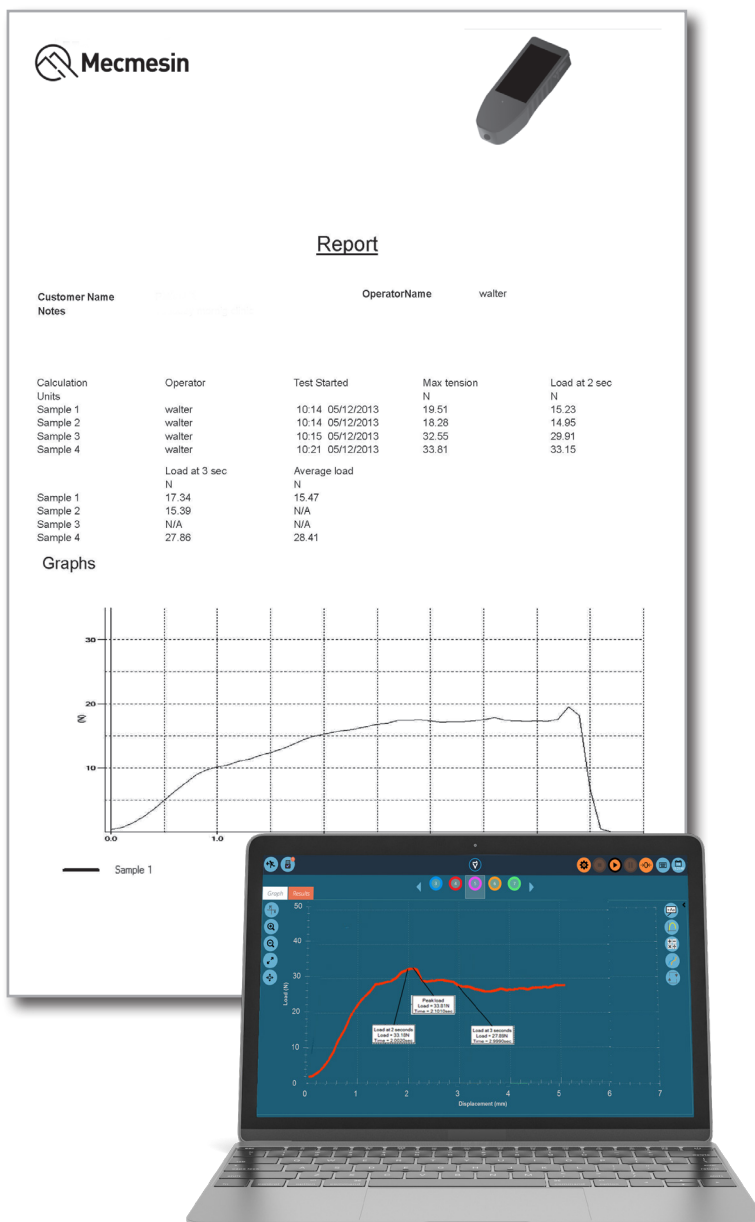
Accessories



Example of a test on the digital gauge display



Myometer mounted to desktop for vertical application



## VectorPro™ Lite Data Acquisition Software

**Dedicated software for logging, plotting and analysing isometric abduction data.**

VectorPro™ Lite enables a PC to communicate with the Mecmesin Myometer by means of a bi-directional RS232 interface. VectorPro Lite captures live tension and compression test values. These values are used to plot a live graph of force vs time, helping you to visually identify any events during the test that cannot be picked up through readings on the instrument display.

Operators can quickly and easily perform in-depth analysis of measurements with a graphical trace of the test.

## Features

- Drag and drop approach to test building
- Store, edit and recall any test sequence
- Real-time graph plotting
- Sophisticated graph examination and comparison tools
- Standard calculations with validation criteria
- Immediate display of results
- Automatic or manual export of raw data and/or results
- Report writer to PDF
- User accounts and security
- Personalised workspace, in language of choice
- Design also ideal for touch screen PCs

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