



Force gauge displays real time force reading, peak force, and pass/fail indicators. The load cell shaft may be oriented in the up or down position, as demonstrated in the images below.



Force gauge shown in a vertical orientation

The Model EKM5-200 Myometer Kit facilitates a wide range of strength assessments and ergonomics studies. Featuring a Series 5 force gauge with 200 lbF (1,000 N) range, tabletop mount, strap, and accessories, this kit is ideal for ergonomists and other professionals.

Force Gauge Features & Specifications

- Measures real time, average, and peak pull and push forces
- 200 lbF (1,000 N) force capacity
- Accuracy of $\pm 0.1\%$ of full scale
- Sampling rate of 7,000 Hz
- USB, RS-232, and analog outputs
- High / low limit indicators, for pass / fail and minimum force testing
- 1,000-point data memory with statistical calculations. Data may be bulk downloaded to included MESUR® Lite data collection software.
- Includes a full set of accessories and software - details on next page
- Force gauge is compatible with other Mark-10 grips and attachments

Force Gauge Capacity & Resolution

| lbF | ozF | kgF | N | kN |
|------------|----------|------------|------------|------------|
| 200 x 0.05 | 3200 x 1 | 100 x 0.02 | 1000 x 0.2 | 1 x 0.0002 |



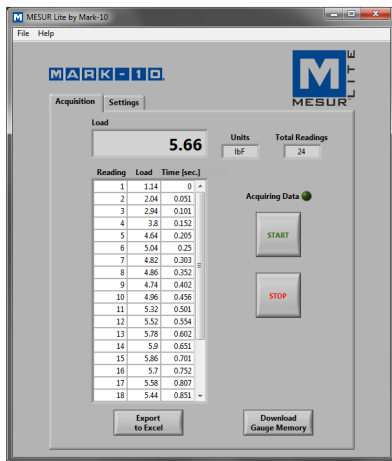
Force gauge shown in a horizontal orientation

Included Items



- M5-200 Advanced Force Gauge
- Carrying case
- Tabletop mounting kit for force gauge, for vertical or horizontal orientations
- Adjustable length looped strap
- Clevis and clasp hook attachments
- AC adapter/charger
- MESUR® Lite data collection software - details below
- USB cable
- NIST-traceable certificate of calibration with data

MESUR® Lite Software



- Acquires and tabulates continuous, single-point, or saved data from the force gauge
- One-click export to Excel
- Configurable start and stop test triggers
- Configurable number of readings per second, for continuous data acquisition

Ordering Information

| Model | Description |
|-----------|-------------------------------------|
| EKM5-200 | Myometer kit, 110V |
| EKM5-200E | Myometer kit, 220V, European Plug |
| EKM5-200U | Myometer kit, 220V, UK Plug |
| EKM5-200A | Myometer kit, 220V, Australian Plug |