## Data Sheet

## Myometer Kit Model EKM5-200

Page 1 of 2

32-1214



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 ±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<sup>®</sup> 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	Ν	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

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Specifications subject to change without prior notice

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# Myometer Kit Model EKM5-200

Page 2 of 2

32-1214

### 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<sup>®</sup> Lite Software

ile Help			l.		
			5.6		Units Total Readings
			5.0	•	IbF 24
	Reading	Load	Time (sec	a)	
	1	1.14	0	-	
	2	2.04	0.051		Acquiring Data 🕘
	3	2.94	0.101		
	4	3.8	0.152		
	5	4.64	0.205		START
	6	5.04	0.25		
	7	4.82	0.303		
	8	4.86	0.352	-	
	9	4.74	0.402		
	10	4.96	0.456		STOP
	11	5.32	0.501		
	12	5.52	0.554		
	13	5.78	0.602		
	14	5.9	0.651		
	15	5.86	0.701		
	16	5.7	0.752		
	17	5.58	0.807		
	18	5.44	0.851	٠	
		Export to Exce			Download Gauge Memory

- 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		



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