



## DMG Series

### Ergonomic Force Gauge

Ideal for functional capacity evaluations and basic muscle strength measurements where economy and ease-of-use is required.

# Features and Specifications

## Four Models

Choose between four different models

- DMG-200 Basic Kit
- DMG-500 Basic Kit
- K-DMG-200 with Ergonomic Kit
- K-DMG-500 with Ergonomic Kit

## Push & Pull Testing

The DMG is an excellent, portable solution for physical tensile (Pull) or compression (Push) testing.

## Peak Load Switch

The DMG features a 2.25 inch dial and a peak hold button for capture of the peak readings and an easy return to zero.

## Tare Ring

The concentric dial measures clockwise only and rotates 360 degrees for taring.

## Certificate and Warranty

The gauge is delivered with a Certificate of Calibration with NIST Data and 2 Year Warranty.



| Specifications          |                         |
|-------------------------|-------------------------|
| Accuracy                | +0.5% of Full Scale     |
| Overload Capacity       | 110% of Rated Capacity  |
| Max. Overload           | 150% of Rated Capacity  |
| Tare Capacity           | 10% of Rated Capacity   |
| Dial Resolution         | 0.5% of Full Scale      |
| Deflection (Full Scale) | 10mm / 394 in           |
| Operating Temp.         | 5 to 45°C / 40 to 110°F |
| Weight                  | 0.68 kg / 4.7 lbs       |
| Shipping Weight         | 3.80 kg / 8.4 lbs       |



The DMG ergonomic gauge lets you objectively measure manual muscle strength and functional task requirements for almost any application.

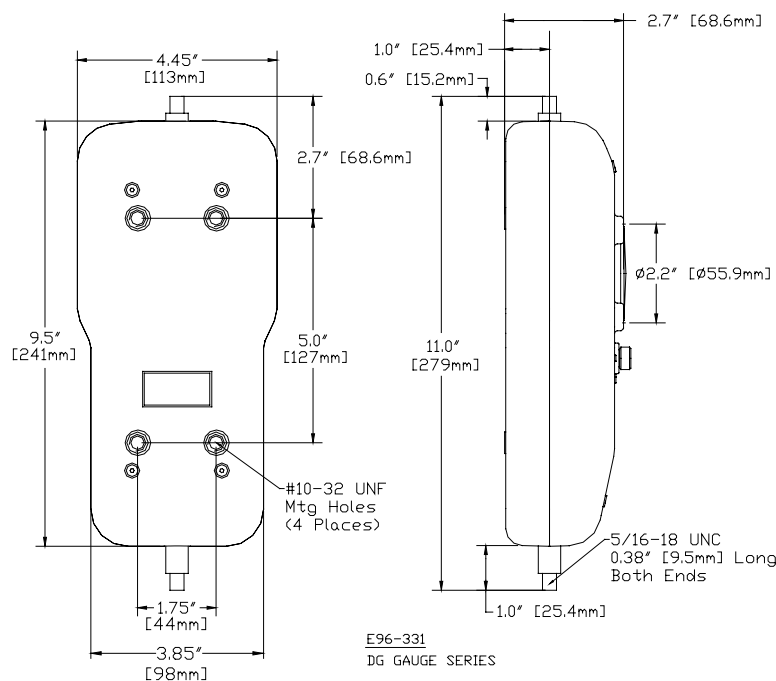
The DMG Series dynamometer is ideal for functional capacity evaluations and basic muscle strength measurements where economy and ease-of-use are required.

This compact gauge is designed for physical, occupational and sports applications, and general patient assessment in family, neurological, and orthopedic practices. Its simplicity is key to both clinicians and technicians, and the measurement accuracy is better than 0.5% full scale. A large, easy-to-read dial indicator displays peak strength.

# Ordering

## Standard Models

| Model     | Capacity      | Accuracy | Certificate | Thread   |
|-----------|---------------|----------|-------------|----------|
| DMG-200   | 200 x 1 lbf   | ±0,5%    | NIST Data   | 5/16-18M |
| K-DMG-200 | 200 x 1 lbf   | ±0,5%    | NIST Data   | 5/16-18M |
| DMG-500   | 500 x 2.5 lbf | ±0,5%    | NIST Data   | 5/16-18M |
| K-DMG-500 | 500 x 2.5 lbf | ±0,5%    | NIST Data   | 5/16-18M |



## Accessories

| Part No.      | Description                           | DMG | K-DMG | Capacity      | Thread   |
|---------------|---------------------------------------|-----|-------|---------------|----------|
| SPK-FMG-011B  | Flat Adapter                          | ●   | ●     | 500 lbf/2.5kN | 5/16-18F |
| SPK-FMG-012C  | Hook, Stationary                      | ●   | ●     | 500 lbf/2.5kN | 5/16-18F |
| NC002500      | Hook, Snap Latch                      | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| SPK-FMG-008B  | Chisel Point Adapter                  | ●   | ●     | 500 lbf/2.5kN | 5/16-18F |
| SPK-FMG-009B  | Point Adapter                         | ●   | ●     | 500 lbf/2.5kN | 5/16-18F |
| SPK-FMG-010B  | Notch Adapter                         | ●   | ●     | 500 lbf/2.5kN | 5/16-18F |
| NC000725      | V-Notch Fixture, Large                | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| NC000721      | V-Notch Fixture, Small                | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| SPK-FMG-013B  | Extension Rod 13 in                   | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| SPK-FMG-142   | Curved Compression Fixture            | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| SPK-FMG-143   | Compression Plate, Circular           | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| SPK-FMG-144   | Palm Fixture                          | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| SPK-FMG-145   | Compression Plate, Rectangular, Large | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| SPK-FMG-146   | Compression Plate, Rectangular, Small | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| NC002844      | Grasping Cable                        | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| SPK-DG-HANDLE | Handle Assembly                       | ■   | ■     | 500 lbf/2.5kN | 5/16-18F |
| NC002871      | DMG Carrying Case                     | ■   | ●     | 500 lbf/2.5kN | 5/16-18F |
| NC003115      | K-DMG Carrying Case                   | ●   | ■     | 500 lbf/2.5kN | 5/16-18F |
| NC002845      | Soft Case Fanny Pack                  | ●   | ●     | 500 lbf/2.5kN | 5/16-18F |

Standard Accessory = ■ Optional Accessory = ●

**Chatillon**  
force measurement

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