



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.

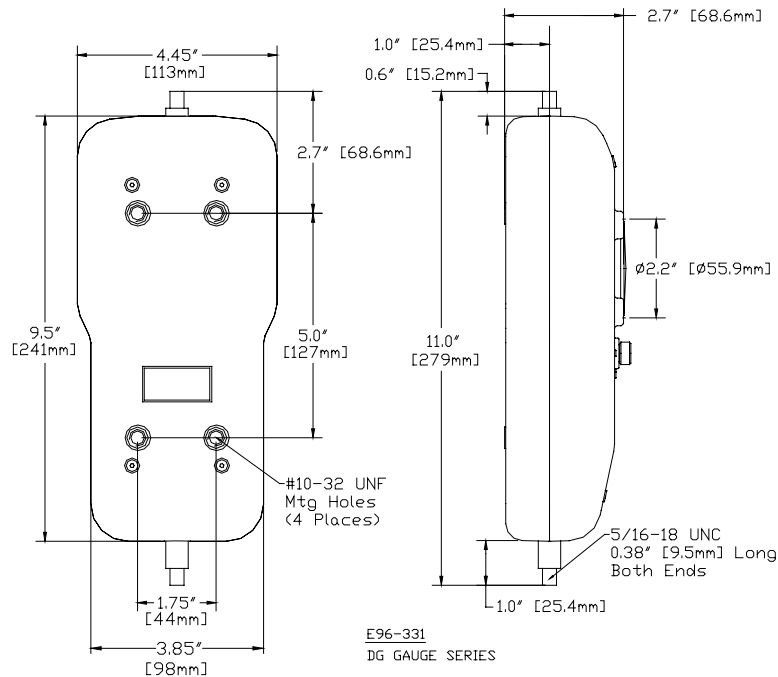
The DMG Series dynamometer is ideal for functional capacity evaluations and basic muscle strength measurements where economy and ease-of-use are required.

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



AMETEK Test & Calibration Instruments

8600 Somerset Drive • Largo, FL 33773 • USA • Tel +1-727-536-7831 • test@ametek.com

© 2016 AMETEK Inc.

Pub code: SS-DMG Issue: 1611

Information in this document is subject to change without notice. No part of this document may be reproduced or modified in any form or by any means, electronic or mechanical, without express written permission from AMETEK Test & Calibration Instruments.

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

www.ametektest.com

AMETEK
SENSORS, TEST & CALIBRATION