

Chatillon®

DMG Series Mechanical Force Gauge

Specification Sheet

SS-DMG-0210

February 2010

The CHATILLON® DMG Series is ideal for functional capacity evaluations and basic muscle strength measurements where economy and ease-of-use is required. This compact, easy-to-use force gauge is designed for physical medicine, occupational medicine and sports medicine applications and general patient assessment in family, neurological and orthopedic practices. Simplicity was a key design criteria for both clinicians and technicians. Measurement accuracy is better than 0.5% full scale. A large, easy-to-read, dial indicator displays peak strength. The gauge is available in 200 lbf and 500 lbf capacities. The DMG gauge comes standard with carrying case, handle assembly and NIST Certificate of Calibration with data. A variety of testing fixtures are optionally available.

Features

- Four Models
 - DMG-200 Basic Kit
 - DMG-500 Basic Kit
 - K-DMG-200 with Medical Kit
 - K-DMG-500 with Medical Kit
- Tensile (Pull) and Compression (Push) Testing
- Peak Load Switch
- Tare Ring
- Intrinsically Safe
- NIST Calibration with Data
- 2 Year Warranty

Specifications

Accuracy:	±0.5% of Full Scale
Overload Capacity:	110% of Rated Capacity
Maximum Overload:	150% of Rated Capacity
Tare Capacity:	10% of Rated Capacity
Dial Resolution:	0.5% of Full Scale
Deflection (Full Scale):	10mm (.394 inches)
Operating Temperature:	40°F to 110°F 5°C to 45°C
Instrument Weight:	4.7 lbs (0.68 kg)
Shipping Weight:	8.4 lbs (3.80 kg)



Shown: K-DMG Series



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Force Measurement

Accessories List for DG/DMG/K-DMG



Model	Description	DG-XXX	DMG-XXX	K-DMG-XXX
SPK-FMG-011B	Flat Adapter, 5/16-18F (500 lbf)	Standard	Optional	Optional
SPK-FMG-012C	Hook, Stationary, 5/16-18F (500 lbf)	Standard	Optional	Optional
NC002500	Hook, with Latch, 5/16-18F (500 lbf)	Optional	Standard	Standard
SPK-FMG-008B	Chisel Adapter, 5/16-18F (500 lbf)	Standard	Optional	Optional
SPK-FMG-009B	Point Adapter, 5/16-18F (500 lbf)	Standard	Optional	Optional
SPK-FMG-010B	Notch Adapter, 5/16-18F (500 lbf)	Standard	Optional	Optional
NC000725	V-Notch Fixture, 1-inch, 5/16-18F (500 lbf)	Optional	Optional	Standard
NC000721	V-Notch Fixture, 5/8-inch, 5/16-18F (500 lbf)	Optional	Optional	Standard
SPK-FMG-013A	Extension Rod, #10-32F - #10-32M (100 lbf)	Standard	Optional	Standard
SPK-FMG-142	Curved Compression Fixture, with Rubber Pad, 5/16-18F	Optional	Optional	Standard
SPK-FMG-143	Compression Plate, Circular, with Rubber Pad, 5/16-18F	Optional	Optional	Standard
SPK-FMG-144	Palm Fixture, 5/16-18F	Optional	Optional	Standard
SPK-FMG-145	Compression Plate, Large Rectangular, with Rubber Pad, 5/16-18F	Optional	Standard	Standard
SPK-FMG-146	Compression Plate, Small Rectangular, with Rubber Pad, 5/16-18F	Optional	Optional	Standard
NC002844	Grasping Cable	Optional	Optional	Standard
SPK-DG-HANDLE	Handle Assembly	Optional	Standard	Standard
NC002728	DG Carrying Case (Small)	Standard	NA	
NC002871	DMG Carrying Case (Large)	Optional	Standard	
NC003115	K-DMG Carrying Case (Large)	Optional	Optional	Standard
SPK-FMG-147	Travel Carrying Case	NA	Standard	
NC002845	Soft Case Fanny Pack	Optional	Optional	