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MSE100-M Series Mechanical Strength Evaluator

Specification Sheet
SS-FM-3008-0105
January 2005

The CHATILLON® MSE100-M Series is ideal for functional capacity evaluations and basic muscle strength measurements where economy 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 has a 100 lbf capacity. The MSE100-M gauge comes standard with carrying case, handle assembly and NIST Certificate of Calibration with data. A variety of testing fixtures are optionally available.

Features

- Operating Modes
 - Normal
 - Peak Strength
- Accuracy $\pm 0.5\%$ Full Scale
- Standard Accessories
 - Carrying Case
 - Handle Assembly
- Optional Accessories
 - FCEK Functional Capacity Kit
- NIST Calibration with Data
- 2 Year Warranty



Shown with optional accessories.

MUSCLE STRENGTH



FUNCTIONAL CAPACITY



JOB TASK ANALYSIS



GENERAL PURPOSE FORCE



You Get More with Your CHATILLON Gauge.

Chatillon 

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Ordering

Muscel Strength Evaluator (Gauge Only)

Model	Ibf
MSE100-M	100 x 0.5

Note: Gauge is supplied with Handle Assembly and Carrying Case. Order fixtures separately.

Common Accessories

Item	Capacity	Part No.	Included
Carrying Case		NC002753	Standard ¹
Handle Assembly		SPK-FMG-HANDLE	Standard
Handles, 4-inch length		13406	Standard
Hook, Stationary	50 lbf (225 N)	SPK-FMG-012A	Optional
Hook, Stationary	100 lbf (500 N)	SPK-FMG-012B	Optional
Flat	100 lbf (500 N)	SPK-FMG-011A	Optional
Hook, Swivel	20 lbf (112 N)	ML3867	Optional
Hook, Swivel	100 lbf (500 N)	ML3850	Optional
Chisel Point	100 lbf (500 N)	SPK-FMG-008A	Optional
Point	100 lbf (500 N)	SPK-FMG-009A	Optional
Notch	100 lbf (500 N)	SPK-FMG-010A	Optional
Adapter, #10-32 to 5/16-18		P-10020	Optional



Shown: Optional FCEK kit with accessories. Order separately.

Functional Capacity Evaluation Kit & Accessories

Item	Capacity	Part No.	Included
FCE Kit		FCEK	Optional
Soft Case		NC002845	
Hook, Clasp	250 lbf	NC002500	
Adapter, Flat disc 1/2"	250 lbf	SPK-FMG-143	
Adapter, Curve Fixture	250 lbf	SPK-FMG-142	
Adapter, V-Notch 1"	500 lbf	NC000725	
Pistol Grip Assembly		SPK-FMG-141	
Grasping Cable	500 lbf	NC002844	
Extension Rod, 6-inch (152mm)		SPK-FMG-013C	
Knurled Nut, 5/16-18		NC000857	

Note: You may order the entire kit or an individual component.

AMETEK TEST AND CALIBRATION INSTRUMENTS

For the authorized Chatillon Distributor or Manufacturer's Representative near you, go to www.chatillon.com

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ISO/IEC17025
Manufacturer