

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

Americas

AMETEK TCI Division
8600 Somerset Drive
Largo, Florida 33773
United States of America
Tel +1-727-536-7831
Tel +1-800-527-9999
Fax +1-727-539-6882
Email chatillon.fl-lar@ametek.com

France

AMETEK Lloyd Instruments SAS
3 avenue des Coudriers
Zone d'Activite de l'Observatoire
78180 Montigny-Le-Bretonneux
France
Tel +33-1-3057-4774
Fax +33-1-3057-5033
Email general@lloyd-instruments.com

Germany

AMETEK Precision Instruments
Europe GmbH
Rudolf-Diesel-Strasse 16
D-40670 Meerbusch
Germany
Tel +49-0-2159-9136-70
Fax +49-0-2159-9136-80
Email apie@ametek.dr

Singapore

AMETEK Singapore Pvt. Ltd.
10 Ang Mo Kio Street 65
#05-12 Techpoint
Singapore 569059
Tel +65-484-2388
Fax +65-481-6588
Email aspl@ametek.com.sg

United Kingdom

AMETEK Lloyd Instruments Ltd.
Forum House, 12 Barnes Wallis Rd
Segensworth East
Fareham
Hampshire PO15 5TT
United Kingdom
Tel +44-0-1489-574221
Fax +44-0-1489-885118
Email uk-far.general@ametek.co.uk

Visit Us on the Worldwide Web at:
www.chatillon.com

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ISO 9001/2000
ISO/IEC17025
Manufacturer