

DFM SERIES

Digital Force Gauge

The CHATILLON® DFM Series is an economical answer for a wide assortment of material testing applications. These hand-held gauges are easy to use and ideal for compression or tensile tests with a maximum capacity of 100 lbs (50 kg). Four models are available, each with selectable engineering units in lbs, kg or N. Four pushbuttons allows the user to easily select peak value, reset zero, tare and engineering units. A large 0.5-inch LCD indicates current or peak measurement results, gauge setting and battery status.

The DFM Series has an internal sampling rate of 1000 samples per second and accuracy of $\pm 0.5\%$ of full scale.

The DFM Series comes with a carrying case, stainless steel attachments and battery charger.

FEATURES

- Simple Pushbutton Operation
- Rugged All-Metal Housing
- Capacities Up to 100 lbs (50 kg, 500 N)
- 1000Hz Sampling Rate
- Economical
- Hand-held or Test Stand Applications

SPECIFICATIONS

| | |
|--------------------|--|
| Accuracy: | $\pm 0.5\%$ of Full Scale ± 1 LSC |
| Selectable Units: | lb, kg, N |
| Overload Capacity: | 110% of rated capacity |
| Display: | LCD, 4-1/2 characters |
| Sampling: | 1000Hz |
| Power: | AC Adapter, NiCd Battery Pack |
| Accessories: | Carrying Case, Hook, Flat Head, Extension Rod, Battery Charger |
| Weight: | 2 lbs (0.9 kg) |
| Warranty: | 2 Years |



DFM with LTS Series Mechanical Stand

SPECIFICATION
SS-FM-3110-1200
December 2000



Pharmaceuticals



Electronics



Packaging

INTERNET

www.ametek.com
www.chatillon.com
www.lloyd-instruments.co.uk

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ORDERING INFORMATION

| Model | Capacity |
|--------|-----------------|
| DFM2 | 2 lb x 0.002 lb |
| | 1 kg x 0.001 kg |
| | 10 N x 0.01 N |
| DFM10 | 10 lb x 0.01 lb |
| | 5 kg x 0.005 kg |
| | 50 N x 0.05 N |
| DFM50 | 50 lb x 0.05 lb |
| | 25 kg x 0.02 kg |
| | 250 N x 0.2 N |
| DFM100 | 100 lb x 0.1 lb |
| | 50 kg x 0.05 kg |
| | 500 N x 0.5 N |

Please add suffix "-220V" to the Model number when the instrument is required to operate using 220V power. Example: DFM2-220V.

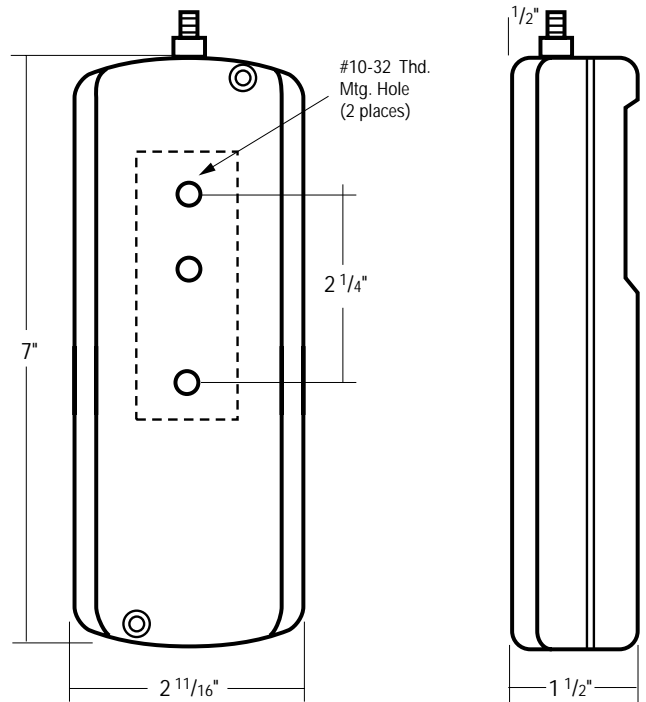
STANDARD ACCESSORIES

Part No.

| | |
|---------------------------|--------------|
| Carrying Case | SPK-DFM-061 |
| Extension Rod | SPK-DFM-056 |
| Hook for DFM2 and DFM10 | SPK-FMG-012A |
| Hook for DFM50 and DFM100 | SPK-FMG-012B |
| Flat Adapter | SPK-FMG-011A |
| Battery Charger 115V | SPK-FMG-016A |
| Battery Charger 220V | SPK-FMG-016B |
| Test Stand Adapter Kits | |
| TCM201 Test Stands | NC000985 |
| TCD200 Test Stands | NC000985 |
| LTS Test Stands | LTCK-2 |
| LTC Test Stands | LTCK-2 |
| HTC Test Stands | HTCK-6 |

Request document PS-FM-3110 for a complete Parts List.

DIMENSIONS



AMETEK

TEST AND CALIBRATION INSTRUMENTS

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**ISO 9001
Manufacturer**