

Typical Applications

Medical Devices



Pharmaceuticals



Springs & Components



General Purpose Force



1,390.00

All Capacities

E-DFE Series

1,695.00

All Capacities



DFE Series Digital Force Gauge

The DFE Series is a compact and easy-to-use force gauge designed for economy applications without compromising functionality. Ideal for handheld or test stand applications. Available with capacities from 2 lbf (10 N) to 500 lbf (2500 N). Integral loadcell with a measurement accuracy of better than 0.25% full scale. A large high resolution LCD display supports a variety of standard gauge functions including normal and peak readings, high/low limits, setpoints, pass/fail results, statistical results, loadcell actuation and direction. Loads are displayed in ozf, gf, lbf, kgf and N units.

Accuracy

±0.25% Full Scale

Features

- Two Models and Seven Capacities Each
- Advanced Operating Modes
- Statistical Calculations
- Integral Loadcells
- Simple Operator Interface
- Optional Outputs (Standard on E-DFE Models)
- NIST Calibration Certificate with Data

• 2 Year Warranty

- E-DFE Models with RS232 Mitutoyo & Analog Outputs

Ordering Information

Model	Capacity x Resolution
DFE-002	32 x 0.04 ozf/2 x 0.002 lbf/ 10 x 0.01 N
DFE-010	160 x 0.2 ozf/10 x 0.01 lbf/50 x 0.05 N
DFE-025	400 x 0.5 ozf/25 x 0.02 lbf/100 x 0.1 N
DFE-050	800 x 1 ozf/50 x 0.05 lbf/250 x 0.2 N
DFE-100	1600 x 2 ozf/100 x 0.1 lbf/500 x 0.5 N
DFE-200	3200 x 4 ozf/200 x 0.2 lbf/1000 x 1 N
DFE-500	8000 x 10 ozf/500 x 0.5 lbf/2500 x 2 N

visit us at www.dmm.ca

1,998.00

DFS-050 to
DFS-500

2,250.00

DFS-250G to
DFS-025



DFS Series Digital Force Gauge with Integral Loadcell

The DFS Series is a compact and easy-to-use force gauge designed for basic and complex applications. Ideal for handheld or test stand applications, and may be equipped with integral loadcells or smart remote sensors for load measurement or torque measurement. Measurement accuracy is better than 0.1% full scale. A large high resolution LCD display supports a variety of standard gauge functions including normal and peak readings, high/low limits, setpoints, pass/fail results, statistical results, load averaging, load comparisons, % and sharp break detection, loadcell actuation and direction. Loads are displayed in ozf, gf, lbf, kgf and N units.

Accuracy

±0.1% Full Scale

Features

- Eight Models and Capacities
- Advanced Operating Modes
- Statistical Calculations
- Integral Loadcells
- Simple Operator Interface
- Standard Outputs
- NIST Calibration with Data

• 2 Year Warranty

Ordering Information

Model	Capacity x Resolution
DFS-250G	8 x 0.004 ozf/0.5 x 0.0001 lbf/ 2.5 x 0.0005 N
DFS-002	32 x 0.004 ozf/2 x 0.0002 lbf/ 10 x 0.001 N
DFS-010	160 x 0.02 ozf/10 x 0.001 lbf/50 x 0.005 N
DFS-025	400 x 0.05 ozf/25 x 0.002 lbf/100 x 0.01 N
DFS-050	800 x 0.1 ozf/50 x 0.005 lbf/250 x 0.02 N
DFS-100	1600 x 0.2 ozf/100 x 0.01 lbf/500 x 0.05 N
DFS-200	3200 x 0.4 ozf/200 x 0.02 lbf/1000 x 0.1 N
DFS-500	8000 x 1 ozf/500 x 0.05 lbf/2500 x 0.2 N