

# DIGITAL FORCE GAUGES

## DFE II SERIES



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- Capacities from 2 to 500 lbf / 10 to 2500 N
- USB, RS-232 and analog communication
- Normal and Peak operating modes
- Selectable units of measurement
- Accuracy  $\pm 0.25\%$  of Full Scale



See the Force Gauge Connection Diagrams at page 42.

SPECIFICATIONS	
Accuracy	$\pm 0.25\%$ of Full Scale
Max. overload	150% of rated capacity
Tare capacity	10% of rated capacity
Resolution	1:1000, 1:5000
Data sampling rate	7 KHz
Peak capture rate	7 KHz
Display update rate	10 Hz
Operating temp.	5 to 45°C / 40 to 110°F

FORCE RANGE			
	LBF	N	KGF
DFE2-002	2x0.001	10x0.01	1x0.001
DFE2-010	10x0.01	50x0.01	5x0.001
DFE2-025	25x0.01	100x0.1	10x0.01
DFE2-050	50x0.01	250x0.1	25x0.01
DFE2-100	100x0.1	500x0.1	50x0.01
DFE2-200	200x0.1	1000x1	100x0.1
DFE2-500	500x0.1	2500x1	250x0.1

The DFE II Series marks a new era in digital force measurement. This compact, easy-to-use force gauge is designed for economy applications without compromising functionality. Ideal for hand-held, field or test stand applications.

The gauge features an integral load cell, a large, easy-to-read, high resolution full color LCD display supports a variety of standard gauge functions including normal and

peak readings, high/low limits, set points, pass/fail results, statistical results, load cell actuation and direction. Loads are displayed in ozf, gf, lbf, kgf and N units.

The display language may also be selected between English, Spanish, French, German, Portuguese, and Chinese.