

475040
475044
From
\$329

Digital Force Gauges

Push/Pull measurements in kg, lbs, oz and Newton units;
Optional Test Stand for Tension and Compression analysis

Features:

- 5 digit 0.4" (10mm) LCD with reversible display feature to match viewing angle
- Exclusive load cell measurement transducer
- Overrange, low battery, and advanced function indication
- Zero Adjust push-button & Peak Hold switch
- Selectable fast/slow response
- CE approved, one year warranty
- Complete with hook adaptor for tension, compression adaptors (flat, cone and chisel head), 5" (127mm) extension rod, 6 AA batteries, and carrying case

Specifications

Function	475040	475044
Range:	176oz, 5000g, 49 Newtons	44lbs, 20kg, 196 Newtons
Accuracy (23°C):	±(0.4%+1digit)	±(0.5%+2 digits)
Resolution:	0.05oz, 1g, 0.01 Newtons	0.01lbs, 0.01kg, 0.05 Newtons
Overload capacity:	10kg	30kg
Update Rate:	Fast mode 0.2secs; Slow mode 0.6secs.	
Full scale deflection:	2.00mm	
Transducer type:	Load cell	
Power Supply:	Six 1.5V AA (UM-3) batteries or DC 9V adaptor (not included)	
Mounting Holes:	Located on rear of gauge for optional test stand	
Dimensions/ Weight:	8.9x3.3x1.5" (227x83x39mm)/ 1.2lbs (551g)	

Ordering

475040.....	Digital Force Gauge.....	\$329
475040-NIST.....	Digital Force Gauge with NIST Certificate.....	\$454
475044.....	High Capacity Force Gauge.....	\$439
475099.....	Test Stand.....	\$799
153117.....	120VAC Adaptor.....	\$15
153230.....	220VAC Adaptor.....	\$15



407820

\$799

Heavy Duty Digital Torque Meter

Measure torque in units of lb-in., kg-cm or Newton-cm, includes a PC interface

Features:

- Torque ranges of 12.99 lb-in., 15.00 kg-cm and 147.1 Newton-cm using remote sensor and chuck assembly
- Min/Max and Peak mode
- Push button High or Low resolution selection
- Selectable Fast/Slow sampling time
- Basic accuracy of ±(1.5% reading + 5 digits)
- Data Hold and Auto Power off
- Built-in RS-232 PC serial interface
- Dimensions: 7x2.9x1.3" (180x72x32mm)
- Weight: 2.42 lbs (1.1kg) (includes probe)
- Complete with remote sensor on 3.9ft (1.2m) cable, 9V battery, protective holster with stand, and carrying case.

Ordering

407820.....	Heavy Duty Torque Meter.....	\$799
407820-NIST.....	Heavy Duty Torque Meter w/NIST Certificate.....	\$1099
156119.....	117 VAC Adaptor.....	\$17
156221.....	220 VAC Adaptor.....	\$17
407001.....	Data Acquisition software and cable.....	\$69



Optional 407001
Data Acquisition
software or datalogger
(See p. 75 for details).



407850

\$699

Heavy Duty Vibration Meter

Measure Velocity and Acceleration plus built-in PC interface

Features:

- Selectable units of in/s or mm/s for Velocity and ft/s² or m/s² for Acceleration
- Velocity range of 7.87in/s or 200mm/s; Acceleration range of 656ft/s² or 200m/s²
- Remote vibration sensor on 39" (1m) cable
- Basic accuracy of ±(5% of reading + 2 digits)
- Wide frequency range of 10Hz to 1kHz
- Max/Min record values for later recall
- Data Hold and Auto Power off
- RMS or Peak Value measurement modes
- Built-in RS-232 PC serial interface
- Dimensions: 7.1x2.9x1.3" (180x72x32mm); Weight: 0.87lbs (395g)
- Complete with remote sensor with 3.9ft (1.2m) cable, magnetic mount, 9V battery, holster with stand and carrying case. Optional AC adaptors.

Ordering

407850.....	Heavy Duty Vibration Meter, Mounted pickup.....	\$699
156119.....	117 VAC Adaptor.....	\$17
156221.....	220 VAC Adaptor.....	\$17
407001.....	Data Acquisition software and cable.....	\$69



Optional 407001
Data Acquisition
software or datalogger
(See p. 75 for details).

