

Digital Force Gauge

Model : WSDFG

The WSDFG is a highly accurate digital force gauge armed with heavy duty anodised metal housing for robustness and durability. Complete with several useful attachments, design to measure tension and compression force of up to 1000N.

FEATURES

WSDFG

- 6 attachments, including hook, flat tip, conical tip, chisel tip, notched tip, and extension shaft
- automatic reversible display
- selection of units, N, kgf, lbf, gf, ozf, mN
- peak hold, auto peak and track modes
- USB connection for computer and charging
- USB cable and Data Capture Software
- overload alarm
- touch key operation
- setpoints, programmable Hi and Lo limits
- battery life approximately 16 hours of continuous use
- durable heavy-duty metal construction
- hard plastic carrying case
- low battery indications
- LCD screen with LED backlight

SPECIFICATIONS

Dimensions (mm):	73 (W) x 145 (H) x 35 (D)
Capacities:	1000N (100 kgf) x 0.2N (0.02 kgf) 500N (50 kgf) x 0.1N (0.01 kgf) 200N (20 kgf) x 0.05N (0.005 kgf) 100N (10kgf) x 0.02N (0.002 kgf) 50N (5kgf) x 0.01N (0.001kgf)

OPTIONS

- test stand



Optional Test stand

WSDFG Force Gauge



Specifications may change without notice.

ADDITIONAL SPECIFICATIONS

Accuracy:	±0.2% F.S., ±1 LSD
Selectable Units:	mN, N, gf, kgf, ozf and lbf (selectable)
Display:	160*128 dot matrix LCD with LED backlight
Overload Capacity:	150% of F.S (LCD flashes beyond 110% of F.S.)
Overload Protection:	Overload protection mechanism to prevent damage
Measurement Method:	Peak, auto-peak or track mode
Data Sampling Rate:	1000 Hz
Display Update Rate:	10 times/second
Memory:	1000 data
Set Point:	Programmable high and low limits
Battery Indicator:	Display flashes battery icon when battery is low
Power:	3.6VDC 800mAH Ni-MH rechargeable batteries
Battery Life:	Approximately 16 hours continuous use per full charge
Charger / Adaptor:	Universal USB/BM charger, Input: 110~240VAC
Temperature Effects:	<0.03% FS per °C
Outputs:	RS-232, "Within" set point output, "Under or over" set point output
Operating:	Temperature: -10 to 40 °C Relative Humidity: 20 to 80%
Storage:	Temperature: -20 to +50°C Relative Humidity: 5 to 95%
Dimensions (mm):	145 (H) x 73 (W) x 35 (D)
Weight:	0.7 kg (1.5lb)
Accessories:	AC adapter/charger, 6 attachments: hook, flat tip, conical tip, chisel tip, notched tip, extension shaft
Options:	Test stand



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