

Digital Force Gauge

Model : WSDFG Series

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, the WSDFG Force Gauge is designed to measure tension, strain and pull force up to 1000 N.

FEATURES

- 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

OPTIONS

- test stand (as pictured)
- handle (as pictured on page 2)



WSDFG Force Gauge



Optional Test Stand



VARIATIONS

Model Number	Max Capacity	Graduation	Overall Dimensions (mm)
WSDFG5K	50 N (5 kgf)	0.01 N (0.001 kgf)	73 (W) x 35 (D) x 145 (H)
WSDFG10K	100 N (10 kgf)	0.02 N (0.002 kgf)	73 (W) x 35 (D) x 145 (H)
WSDFG20K	200 N (20 kgf)	0.05 N (0.005 kgf)	73 (W) x 35 (D) x 145 (H)
WSDFG50K	500 N (50 kgf)	0.1 N (0.01 kgf)	73 (W) x 35 (D) x 145 (H)
WSDFG100K	1000 N (100 kgf)	0.2 N (0.01 kgf)	73 (W) x 35 (D) x 145 (H)

Specifications may change without notice

WEIGHING SCALES

LABELS | LABELLING EQUIPMENT | PACKAGING EQUIPMENT
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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, Handle



Optional Test Stand



Optional Handle



WSDFG complete with standard attachments and carry case

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