

Push & Pull Digital Force Gauges

デジタル フォースゲージ DFG

DFG digital force gauges feature a large, easy-to-read LCD display and touch key operation.

FEATURES

- ☑ Accuracy: $\pm 0.2\%$ of Full Scale
- ☑ Ergonomic, durable, heavy-duty metal construction
- ☑ Touch Key
- ☑ Overload alarm
- ☑ Automatic Reversible display
- ☑ Charger with US/EUR/UK Plugs selectable
- ☑ Ranges (Resolution) Accuracy: $\pm 0.2\%$ F.S. ± 1 LSD
- ☑ User Selectable Units
(mN, N, gf, kgf, ozf, and lbf) of Measurement
- ☑ Overload Protection Mechanism to prevent to be damaged



**SAFETY
BLOCK**

**AUTO
REVERSIBLE
DISPLAY**

Specifications

Accuracy	$\pm 0.2\%$ F.S., ± 1 LSD
Selectable Units	mN, N, gf, kgf, ozf, and lbf.(Selectable)
Display	128*64 dot matrix LCD with LED Backlight
Overload Capacity	-5N : 150% of F.S. (LCD blinks beyond 110%)
	10N ~ : 200% of F.S. (LCD blinks beyond 110%)
Overload Protection	Overload Protection Mechanism to prevent to be damaged
Measurement method	Peak, Auto-Peak or Track Mode
Data Sampling Rate	1000 Hz
Peak Capture 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 800mA Ni-MH rechargeable batteries
Battery Life	Approximately 20 hours continuous use per 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	160*73*34mm
Weight:	0.7 kg (1.5 lb)
Accessories	AC adapter/charger, 6 attachments: hook, flat tip, conical tip, chisel tip, notched tip, extension shaft

Ranges (Resolution) Accuracy: $\pm 0.2\%$ F.S. ± 1 LSD

Model		mN	N	gf	kgf	ozf	lbf
DFG2	Capacity	2000	2	200	-	7	-
	Resolution	0.5	0.0005	0.05	-	0.002	-
DFG5	Capacity	5000	5	500	-	18	1
	Resolution	1	0.001	0.1	-	0.005	0.0002
DFG10	Capacity	10000	10	1000	1	35	2.2
	Resolution	2	0.002	0.2	0.0002	0.01	0.0005
DFG20	Capacity	20000	20	2000	2	70	4.4
	Resolution	5	0.005	0.5	0.0005	0.02	0.001
DFG50	Capacity	50000	50	5000	5	180	11
	Resolution	10	0.01	1	0.001	0.05	0.002
DFG100	Capacity	-	100	10000	10	350	22
	Resolution	-	0.02	2	0.002	0.1	0.005
DFG200	Capacity	-	200	20000	20	700	44
	Resolution	-	0.05	5	0.005	0.2	0.01
DFG500	Capacity	-	500	50000	50	1800	110
	Resolution	-	0.1	10	0.01	0.5	0.02
DFG1000	Capacity	-	1000	-	100	3500	220
	Resolution	-	0.2	-	0.02	1	0.05

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