

## Basic Force Gauge

The Basic Force Gauge (BFG) is designed for easy operation and provides outstanding tension and compression measurement performance and reliability at an affordable price.

Constructed in a rigid yet lightweight aluminum housing, with its ergonomically attractive shape, the BFG can be used as a hand-held instrument or, alternatively, can be mounted to manual or motorized test stands to allow testing under more controlled conditions.



## BFG Specification Table

Model	Part No.	mN	N	kN	gf	kgf	ozf	lbf
BFG 10	853-410	10000 x 2	10 x 0.002	-	1000 x 0.2	1 x 0.0002	35 x 0.01	2.2 x 0.0005
BFG 50	853-411	50000 x 10	50 x 0.01	-	5000 x 1	5 x 0.001	180 x 0.05	11 x 0.002
BFG 200	853-412	-	200 x 0.05	-	20000 x 5	20 x 0.005	720 x 0.2	44 x 0.01
BFG 500	853-413	-	500 x 0.1	-	50000 x 10	50 x 0.01	1,800 x 0.5	110 x 0.02
BFG 1000	853-414	-	1000 x 0.2	1 x 0.0002	-	100 x 0.02	3,500 x 1	220 x 0.05
BFG 2500	853-417	-	2500 x 0.5	2.5 x 0.0005	-	250 x 0.05	9,000 x 2	550 x 0.1

• Accuracy  $\pm 0.25\%$  of full scale • Operating temperature 50°F - 95°F

## Key Features

- 6 models - from 2.2 lbf to 550 lbf (10 N to 2500 N)
- Full unit conversion of displayed value
- Powered by 4 nickel metal hydride rechargeable batteries
- M5 mounting holes (57 mm pitch) for test stand fixing
- Wide range of grips and fixtures

easy-to-use  
ergonomic  
robust

All models carry CE marking and are supplied in a robust carrying case with standard accessories and a calibration certificate traceable to industry standards.



BFG (sold separately) shown mounted to the MDD manual test stand



Top-load test



BFG with accessories



Assembled in the USA

Mecmesin reserves the right to alter equipment specifications without prior notice

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