



IMADA, Inc.®

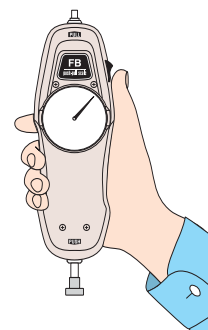
3100 Dundee Rd., Suite 707, Northbrook, IL 60062
Tel: 847-562-0834 Fax: 847-562-0839
www.imada.com E-mail: imada@imada.com

FORCE & TORQUE MEASUREMENT
ISO 9001 & ISO/IEC 17025 ACCREDITED

Series FB/PS/MF Push/Pull Mechanical Force Gauge



- Simple, rugged, virtually maintenance free
- Retains a high degree of accuracy for extended periods
- Ergonomic, heavy-duty metal construction
- No batteries needed
- Intrinsically safe in hazardous environments
- Capacity: FB series- 150 lbf; MF/PS- 100 lbf (push and pull)
- Overload capacity 165 lbf on all ranges
- Tare ring
- Real time and peak mode
- Full set of accessories and carrying case included



The rugged construction of FB/PS/MF gauges will withstand industrial environments and yet retain calibration for extended periods. The ergonomic design makes it ideal for hand held use, or gauges can be mounted to test stands. The Zero-Tare ring allows you to compensate for measuring adapters and changes in measuring position, and the real time/peak hold selector switch allows you to observe transients or capture peaks. Mechanical force gauges are not recommended for destructive testing.

Many ranges are available to cover all of your measurement needs. FB gauges are sold as kits complete with gauge, hard carrying case, five measuring tips (flat head, conical, chisel, notched, and small hook) as well as a 3 inch extension shaft.



All FB/PS/MF gauges are sold in kit form.

FB Ranges (Resolution) Accuracy: $\pm 0.3\%$ F.S.

Pounds	
Model	Capacity (Resolution)
FB-32oz	32ozf (0.25 ozf)
FB-80oz	80ozf (1 ozf)
FB-2	2 lbf (0.02 lbf)
FB-5	5 lbf (0.05 lbf)
FB-10	10 lbf (0.1 lbf)
FB-20	20 lbf (0.2 lbf)
FB-30	30 lbf (0.25 lbf)
FB-50	50 lbf (0.5 lbf)
FB-100	100 lbf (1 lbf)

Kilograms	
Model	Capacity (Resolution)
FB-1 kg	1 kgf (5 gf)
FB-2 kg	2 kgf (10 gf)
FB-3 kg	3 kgf (20 gf)
FB-5 kg	5 kgf (25 gf)
FB-10 kg	10 kgf (50 gf)
FB-20 kg	20 kgf (100 gf)
FB-30 kg	30 kgf (200 gf)
FB-50 kg	50 kgf (250 gf)

Newtons	
Model	Capacity (Resolution)
FB-10 N	10 N (0.05 N)
FB-20 N	20 N (0.1 N)
FB-30 N	30 N (0.2 N)
FB-50 N	50 N (0.25 N)
FB-100 N	100 N (.5 N)
FB-200 N	200 N (1 N)
FB-300 N	300 N (2 N)
FB 500 N	500 N (2.5 N)

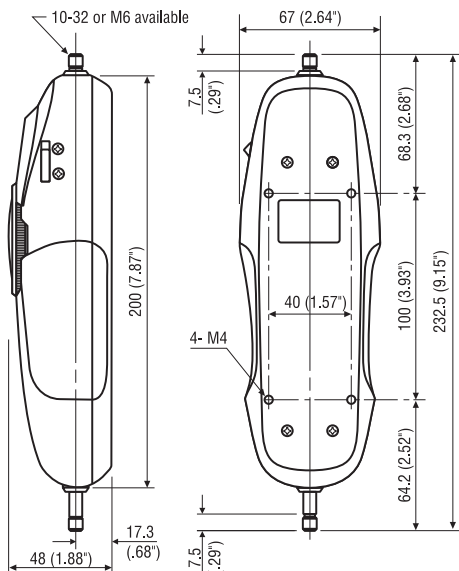
FB-150 150 lb (1 lb), Accuracy: $\pm 0.5\%$ F.S., M6 Thread

PS/MF Ranges (Resolution) Accuracy: $\pm 0.2\%$ F.S.; MF Accuracy: $\pm 0.3\%$ F.S.

Pounds	
Model	Capacity (Resolution)
PS-32oz	32ozf (0.25 ozf)
PS-80oz	80ozf (1 ozf)
PS-2	2 lbf (0.01 lbf)
PS-5	5 lbf (0.025 lbf)
PS-10	10 lbf (0.05 lbf)
PS-20	20 lbf (0.1 lbf)
PS-30	30 lbf (0.2 lbf)
PS-50	50 lbf (0.25 lbf)
PS-100	100 lbf (0.5 lbf)

Kilograms	
Model	Capacity (Resolution)
PS-0.5 kg	500 gf (2.5 gf)
PS-1 kg	1 kgf (5 gf)
PS-2 kg	2 kgf (10 gf)
PS-3 kg	3 kgf (20 gf)
PS-5 kg	5 kgf (25 gf)
PS-10 kg	10 kgf (50 gf)
PS-20 kg	20 kgf (100 gf)
PS-30 kg	30 kgf (200 gf)
PS-50 kg	50 kgf (250 gf)

Newtons	
Model	Capacity (Resolution)
PS-10 N	10 N (0.05 N)
PS-20 N	20 N (0.1 N)
PS-30 N	30 N (0.2 N)
PS-50 N	50 N (0.25 N)
PS-100 N	100 N (.5 N)
PS-200 N	200 N (1 N)
PS-300 N	300 N (2 N)
PS 500 N	500 N (2.5 N)



Specifications subject to change without notice.



Optional Handle OH-1

Fits FB/PS/MF gauges to facilitate the measurement of heavy loads. High quality steel with mounting screws.