

CALL TOLL FREE **1-800-373-9989**

## PS Mechanical Force Gauge

Precise Push / Pull Force Gauge – Series PS  
Up to 100 lbf capacity (Also available in kgf or N models)

### Standard Features

- Push/Pull
- Ergonomic, heavy-duty metal construction
- No batteries needed
- Intrinsically safe
- Capacity up to 100 lbf
- Accuracy  $\pm 0.2\%$  F.S.
- Overload capacity 165 lbf on all ranges
- Tare ring
- Real time and peak mode
- Full set of accessories and carrying case included

PS Mechanical Force gauges are the highest accuracy gauges available, making them ideal for precision tension and compression measurements in laboratory environments. Ergonomic design makes it ideal for hand held use, or the force gauge can be mounted to a test stand. The Zero-Tare ring allows you to zero the gauge to compensate for measuring attachments and changes in measuring position. The real time/peak hold selector switch allows users to easily switch between Real-Time Mode and Peak Mode. The PS force gauge is an analog force gauge and does not require charging, it is available for use at any time. Many ranges are available to cover all of your measurement needs (also available in Newtons).

### What's Included with the Force Gauge?

The PS mechanical force gauge is sold as a kit, complete with gauge, hard plastic carrying case, seven [measuring attachments](#) (flat head, cone, chisel, notched, small hook, large hook, and Y-hook), and extension rod. The resolution of the PS is 2 times finer than the FB mechanical force gauge. The ergonomic design is well suited for hand held testing, and the gauges have four threaded holes for mounting to a test stand or the optional handle.



All gauges include a free certificate of calibration traceable to NIST. ISO-17025 certificates are available for an additional charge.

Note: Mechanical force gauges are not recommended for destructive testing or shock load applications.

#### RANGES

Shaft size: 10-32, M6 available

Accuracy: PS-5 and under  $\pm 0.3\%$  F.S.; PS-10 and over  $\pm 0.2\%$  F.S.; MF  $\pm 0.3\%$  F.S.

**More Ranges ►**

<b><u>Pounds</u></b>	<b>Model</b>	<b>PS-32 oz</b>	<b>PS-80oz</b>	<b>PS-2</b>	<b>PS-5</b>	<b>PS-10</b>
	<b>Capacity (Resolution)</b>	32 ozf (0.25 ozf)	80 ozf (1 ozf)	2 lbf (0.01 lbf)	5 lbf (0.025 lbf)	10 lbf (0.05 lbf)
<b><u>Kilograms</u></b>	<b>Model</b>	—	—	<b>PS-2 kg</b>	<b>PS-3 kg</b>	<b>PS-5 kg</b>
	<b>Capacity (Resolution)</b>	—	—	2 kgf (10 gf)	3 kgf (20 gf)	5 kgf (25 gf)
<b><u>Newtons</u></b>	<b>Model</b>	—	<b>PS-10 N</b>	<b>PS-20 N</b>	<b>PS-30 N</b>	<b>PS-50 N</b>
	<b>Capacity (Resolution)</b>	—	10 N (0.05 N)	20 N (0.1 N)	30 N (0.2 N)	50 N (0.25 N)

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