

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

PSH Mechanical Force Gauges

High Capacity Mechanical Force Gauge – Series PSH
Up to 500 lbf capacity (Also available in kgf or N models)

The PSH Mechanical Force Gauge is designed a high capacity force gauge with several ranges from 200 lbf up to 500 lbf (300 kgf). The heavy duty metal housing and heavy duty springs will withstand the harsh rugged environment of a manufacturing plant. The highly accurate, matched springs will ensure reliable results and retain their accuracy over long periods. The tare ring allows you to zero the gauge and compensate for measuring attachments and changes in measuring position. The real time/peak hold selector switch enables users to observe transients or capture peaks. This high capacity mechanical force gauge is available in pounds, kilograms and Newtons models. No batteries are needed and the unit is intrinsically safe in hazardous environments.

What's Included with the Gauge?

Sold in kit form complete with force gauge, hard plastic carrying case, handles, [measuring attachments](#) including: flat head, conical, chisel, notched, and small hook, and extension shaft. Four installation bolts are also included for mounting the gauge to a test stand or other permanent location.

Other attachments for a variety of special applications are available. Click [here](#) to see our complete catalog of attachments.

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.

For capacities under 220 lbf use [FB](#) or [PS](#) series mechanical force gauges.



SPECIFICATIONS & RANGES (RESOLUTION)

Shaft size: M10, 5/16-18 adapter available

Accuracy: $\pm 0.4\%$ F.S.

Overload Capacity: 135% of rated capacity

More Ranges ►

Pounds	Model	PSH-200	PSH-300	PSH-400	PSH-500
	Capacity (Resolution)	200 lbf (1 lbf)	300 lbf (2 lbf)	400 lbf (2 lbf)	500 lbf (2.5 lbf)
Kilograms	Model	PSH-100 kgf	PSH-200 kgf	PSH-300 kgf	
	Capacity (Resolution)	100 kgf (0.5 kgf)	200 kgf (1 kgf)	300 kgf (2 kgf)	
Newtons	Model	PSH-1000 N	PSH-2000 N,	PSH-3000 N	
	Capacity (Resolution)	1000 N (5 N)	2000 N (10 N)	3000 N (20 N)	

STANDARD FEATURES

PSH Standard Features

- Simple, rugged, virtually maintenance free
- High degree of accuracy
- Capacities up to 500 lbf (push and pull)
- No batteries needed
- Intrinsically safe in hazardous environments
- Rugged design for heavy usage
- Heavy duty metal construction
- Tare ring
- Real time and peak mode
- Full set of accessories and carrying case included

IMADA, Incorporated 3100 Dundee Rd., Suite 707, Northbrook, IL 60062 © Copyright 2019
ISO 9001 Registered & ISO/IEC 17025 Accredited Phone: 847-562-0834 Fax: 847-562-0839