

## Imada PS-50 Precise Mechanical Force Gauge, 50 x 0.25 lb

The Imada PS series force gauges are the highest accuracy mechanical force gauges available, making them ideal for precision tension and compression measurements in laboratory environments. Capacities from 32 oz to 100 lbs - in pounds, kilograms or Newton



Manufacture: Imada  
SKU: PS-50  
Weight: 10.00 lb

### Features

The Imada PS series force gauges are the highest accuracy mechanical force gauges available, making them ideal for precision tension and compression measurements in laboratory environments.

The Imada PS series force gauges are sold in kits, complete with gauge, hard plastic carrying case, measuring attachments (flat head, cone, chisel, notched, small hook, large hook, and Y-hook), and extension rod. 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.

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

**PS Ranges (resolution) PS  $\pm 0.2\%$  F.S.; MF  $\pm 0.3\%$  F.S.**

Model	Capacity x Resolution	Model	Capacity x Resolution	Model	Capacity x Resolution
PS-32oz	32 oz x 0.25 oz	PS-0.5kg	500 g x 2.5 g	PS-10N	10N x 0.05 N
PS-80oz	80 oz x 1 oz	PS-1kg	1 kg x 5 g	PS-20N	20N x 0.1 N
PS-2	2 lb x 0.01 lb	PS-2kg	2 kg x 10 g	PS-30N	30 N x 0.2 N
PS-5	5 lb x 0.025 lb	PS-3kg	3 kg x 20 g	PS-50N	50N x 0.25 N
PS-10	10 lb x 0.05 lb	PS-5kg	5 kg x 25 g	PS-100N	100 N x 0.5 N
PS-20	20 lb x 0.1 lb	PS-10kg	10 kg x 50 g	PS-200N	200 N x 1 N
PS-30	30 lb x 0.2 lb	PS-20kg	20 kg x 100 g	PS-300N	300 N x 2 N
PS-50	50 lb x 0.25 lb	PS-30kg	30 kg x 200 g	PS-500N	500 N x 2.5 N
PS-100	100 lb x 0.5 lb	PS-50kg	50 kg x 250 g		

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