

Lever Operated Spring Tester



All items sold separately

-C for Compression Springs
-T for Tension Springs

- LV-220S test stand with distance meter
- DPS Digital Force gauge (specify range)
- AA-55 Flat head (top, for compression tests)
- or S-1 Small hook (bottom, for tension tests)
- Maximum load 220 lbf (100 kgf)
- Stroke 2"
- Maximum clearance 9" (or 14" with optional extender plate)

[Dimensions](#) | [Special Attachments](#)

Distance Meter Specifications

Display	Push button for inch/mm, zero set and on/off
Resolution	0.0005"/0.01 mm
Accuracy	0.1% of reading or 0.005"/0.1mm, whichever is greater

This digital spring tester offers the rapid action of a lever test stand and can be configured to measure either compression or tension. The test stand is equipped with a digital distance meter. Imada DPS force gauges are available in capacities of a few ounces up to 220 lbf. Both force and displacement data may be collected. Consult our engineers for custom applications.



AA-55 Flat head



A-1 Small hook

DPS Ranges (Resolution) Accuracy: $\pm 0.2\%$ F.S. ± 1 LSD

Model	Capacity (Resolution)		
	Pounds/Ounces	Kilograms/Grams	Newtons
DPS-0.5	8.819 ozf (0.001 ozf)	250.0 gf (0.1 gf)	2.452 N (0.001 N)
DPS-1	17.64 ozf (0.01 ozf)	500.0 gf (0.1 gf)	4.903 N (0.001 N)
DPS-4	4.409 lbf (0.001 lbf)	2.000 kgf (0.001 kgf)	19.61 N (0.01 N)
DPS-11	11.02 lbf (0.01 lbf)	5.000 kgf (0.001 kgf)	49.03 N (0.01 N)
DPS-44	44.09 lbf (0.01 lbf)	20.00 kgf (0.01 kgf)	196.1 N (0.1 N)
DPS-110	110.2 lbf (0.1 lbf)	50.00 kgf (0.01 kgf)	490.3 N (0.1 N)
DPS-220	220.5 lbf (0.1 lbf)	100.0 kgf (0.1 kgf)	980 N (0.1 N)