



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

DPS Digital Force Gauge

Superceded by New Improved [DST Digital Force Gauge](#)

The DPS series represent the latest technology in an affordable, feature packed instrument. The rugged metal housing is ergonomically designed to fit your hand, yet durable enough to withstand harsh industrial environments.

The easy to read display tells you at a glance the unit of force measurement (lbf, kgf, or Newtons), tension or compression, if you are in Peak Mode, and whether the built-in NiCad batteries are low.

The standard outputs (RS-232C, Digimatic, and ±1VDC analog) allow you to capture data for permanent record. Choose the range or ranges that best suit your needs.

All DPS gauges are sold complete in kit form with gauge, hard plastic carrying case, full set of measuring attachments, extension rod, and AC adapter/charger. An optional handle to facilitate the measurement of heavy loads is also available.

All DPS gauges can be run on the internal NiCad batteries or the AC adapter/charger.

Note: Use an “R” suffix for reverse display units (for use on vertical test stand)



SPECIFICATIONS

Accuracy: ±0.2% F.S. ±1 LSD

More Ranges ►

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

STANDARD FEATURES

Standard Features

- Best value digital force gauge with capacities up to 220 lbf (push/pull)
- RS-232C, Digimatic and analog outputs
- Ergonomic, heavy-duty metal construction
- lbf, kgf, and Newton units are push-button selectable
- Overload alarm, low battery display indicator
- Outstanding display update of 20 times/second
- Runs on internal NiCad batteries or AC adapter
- Real time and peak mode (selectable)
- Tare function
- Full set of accessories, AC charger/adaptor and carrying case
- Overload capacity 200% F.S.

SPECIFICATIONS

Accuracy	Selectable Units	Overload Capacity	Display Update
± 0.2% F.S., ± 1 LSD	Pounds, Kilograms or Newtons	200% of F.S., Display flashes beyond 105% of F.S.	20 times/second