

- CAPACITIES: 500 TO 50,000 lbf
- 5" AND 10" DIALS
- TENSION/TESTING & WEIGHING
- AVAILABLE IN lbf / kgf / N
- NIST CALIBRATION CERTIFICATE
- ACCURACY: ± 0.5% F.S.



Two versions of the **Dillon AP Dynamometers - 5" and 10"** make the instruments useful for **force measurement to 50,000 pounds**. The AP Dynamometer features **shackles on the top and bottom** for load tension applications and the 10" AP is also offered with lifting hook for general weighing. The AP is an **economical** alternative to "Legal" overhead weighing scales, which are substantially more expensive and not required for most applications.

CONSTRUCTION

- Rugged cast aluminum alloy housing with baked enamel finish.
- Utilizes 4340 alloy steel beam, heat-treated for maximum strength.
- Pinion, sector gears and shafts are mounted in precision bearings and permanently sealed against dust contamination.
- Shackles are equipped with heavy duty roller bearings in lower capacities allowing free rotation of shackle pins.
- Anti-parallax pointer for accurate readings from varying sight lines.

OPERATION

- Tare loads up to 20% of capacity may be cancelled by zero adjust.
- Safety factor varies with model from 3:1 to 10:1. (Refer to table below).
- Peak force hold pointer retains readings on all dynamometers.

ACCESSORIES

- Shackles and pins are included on all dynamometers.
- Molded plastic carrying case included on all 5" models.
- Steel storage case is optional on dynamometers from 500 thru 20,000 lbf.
- Wooden storage case included on dynamometers: 30,000 and 50,000 lbf.

ACCURACY

- ± 0.5% of Full Scale.
- Certificate of Calibration, traceable to National Institute of Standards & Technology.

WEIGHT

- Weight varies widely with capacity. Call for shipping weights and dimensions.

10" DYNAMOMETER				
MODEL	CAPACITY	SAFETY FACTOR	WEIGHT	PRICE
30007-0026	1000 lbf x 5 lbf	10:1	26 lb	\$1225
30007-0034	2000 lbf x 10 lbf	10:1	26 lb	1225
30007-0059	5000 lbf x 20 lbf	10:1	26 lb	1280
30007-0083	10,000 lbf x 50 lbf	5:1	26 lb	1375
30007-0109	20,000 lbf x 100 lbf	4.5:1	26 lb	1500
30784-0017	30,000 lbf x 200 lbf	5:1	98 lb	4070
30784-0033	50,000 lbf x 200 lbf	3:1	98 lb	4070

5" DYNAMOMETER				
MODEL	CAPACITY	SAFETY FACTOR	WEIGHT	PRICE
30006-0019	500 lbf x 5 lbf	5:1	15 lb	\$1050
30006-0027	1000 lbf x 10 lbf	5:1	15 lb	995
30006-0035	2000 lbf x 20 lbf	5:1	15 lb	995
30006-0050	5,000 lbf x 50 lbf	5:1	15 lb	1050
30006-0084	10,000 lbf x 100 lbf	5:1	15 lb	1170
30006-0092	15,000 lbf x 100 lbf	5:1	15 lb	1345
30006-0100	20,000 lbf x 200 lbf	5:1	15 lb	1315

MODEL	ACCESSORIES	PRICE
32224-0011	Steel storage case - available for 10" dynamometer models 500 - 20,000 lbf only.	\$135

NOTES:

- 1) Zero dial position is aligned with shackles unless otherwise requested.
- 2) Metric and Newton calibrations are available.
- 3) 5:1 Ultimate safety factor for 20,000 pound models is available at additional cost.
- 4) Lifting hook available for most models.
- 5) Oversize shackle and pin available for all models thru 20,000 lbf.
- 6) Lifting hook available for all models thru 20,000 lbf.

Prices and specifications are subject to change without notice.

CALL US TOLL FREE 800-345-4188

