

With either 5 or 10 inch dials and available in either pounds or kilogram readability. Incorporates advanced engineering and legendary durability. 500 to 20,000 pound capacities



DILLON

Capacity x Readability
8000 lb x 50 lb

Manufature: Dillon

SKU: 51695-0078

Weight: 15.00 lb

Free Ground Shipping within the 48
continental US States

Please Call (800)832-0055

Features

Dillon -- Inventor of the mechanical dynamometer

The Dillon APxtreme dynamometer was designed with input from a lift specialist with truly critical demands -- a nuclear fuel handler. The APxtreme takes rock solid performance and reliability of Dillons legendary AP dynamometer to new heights. The APxtreme is perfect for other demanding environments such as critical military duty, crane lifts and ultra-sensitive commercial environments.

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Engineered for Precision and durability

Great products begin with great design. Dillon adopts a highly responsible and cautious approach to its design engineering, backed up by the use of sophisticated, modern techniques, such as Finite Element Analysis (FEA). Dillons philosophy results in the safest, most reliable and most accurate dynamometers available . Given the critical nature of ProLift applications, for example, the design of every capacity and configuration was confirmed to achieve a 5:1 minimum ultimate safety factor via destructive testing. In fact, the APxtreme load bars are designed to greatly surpass this hurdle.

Dillon takes enormous care in choosing materials used for its products. Only the best metals and coatings are selected against our rigid engineering standards and procedures. Taking this care a step further, Dillon manufactures APxtreme load bars from only premium grade, certified and traceable E4340 aircraft quality alloy steel. Each and every APxtreme load bar must pass stringent Magnetic Particle Inspection after machining. APxtreme load bars and shackles are electroless nickel plated, a treatment that offers both exceptional corrosion protection and typically permits periodic future inspections without costly coating removal.

APxtreme dynamometers undergo proof loading to 150% of capacity to confirm strength, followed by a three-run calibration procedure accuracy.

Ships with dynamometer, shackles and pins, maximum pointer, zero adjust for tare, carrying case or crate, calibration certificate with curve of readings and certificate of conformance.

Feature for feature -- APxtreme is the Premium dynamometer

Dillon sets the standard for mechanical dynamometers. The APxtreme has the same great basic features of the Dillon AP dynamometer, which include:

- Anti-parallax dial and pointer guarantees accurate readings from any angle
- Industry leading accuracy to within 0.5% of capacity
- Choice of 5 or 10 (125 or 250 mm) dial sizes
- Tight heat treatment tolerances insure strength and long life
- Premium bearings facilitate smooth, repeatable operation
- Simple zero control tares easily
- Maximum hold indicator holds peak load
- Durable composite plastic or cast aluminum case resists blows
- Wide operating temperature range (-50 to 140 F)

The APxtreme takes performance and reliability to new heights addressing the needs of critical lift applications with these enhancements:

- 5:1 ultimate safety factor in all capacities
- Exclusive material selection using even tighter tolerances
- Rounded pressure bar ends reduce binding with lift rigging
- Electroless nickel plating -- extra corrosion resistance
- Non-destructive examination of key components
- Lower weight and reduced headroom loss in high capacities
- Anchor shackles in all capacities
- Every unit proof-load tested to 150% of capacity
- Calibration confirmed by 3 runs
- Optional alarm and trip-point switching

		Pound Part Number	Capacities & Dial Divisions (lb)	Kilogram Part Number	Capacities & Dial Divisions (kg)	Newton Part Number	Capacities & Dial Divisions (N)	Weight / Ship Wt (lbs)	Price
		51695-0011	500 x 5	51695-0144	200 x 2	51695-0185	2000 x 20	9 / 15	\$713
		51695-0029	1000 x 10	51695-0136	500 x 5	51695-0193	5000 x 50	9 / 15	\$713

5" DIAL	LOW	51695-0037	2000 x 20	51695-0151	1000 x 10	51695-0201	10000 x 100	9 / 15	\$7313
		51695-0045	4000 x 25	51695-0128	2000 x 20	51695-0219	20000 x 200	9 / 15	\$735
		51695-0052	5000 x 50	n/a	n/a	n/a	n/a	9 / 15	\$735
		51695-0060	6000 x 50	n/a	n/a	n/a	n/a	9 / 15	\$795
		51695-0078	8000 x 50	51695-0169	4000 x 25	51695-0227	40000 x 250	9 / 15	\$795
		51695-0086	10,000 x 100	51695-0177	5000 x 50	51695-0235	50000 x 500	9 / 15	\$795
	MED	51695-0094	15,000 x 100	n/a	n/a	n/a	n/a	14 / 45	\$1075
		51695-0102	20,000 x 200	51695-0110	10,000 x 100	51695-0243	100,000 x 1000	14 / 45	\$1075
10" DIAL	LOW	51700-0014	500 x 2	51700-0147	200 x 1	51700-0188	2000 x 10	14 / 26	\$920
		51700-0022	1000 x 5	51700-0139	200 x 1	51700-0196	5000 x 20	14 / 26	\$920
		51700-0030	2000 x 10	51700-0154	1000 x 5	51700-0204	10000 x 50	14 / 26	\$920
		51700-0048	4000 x 20	51700-0121	2000 x 10	51700-0212	20000 x 100	14 / 26	\$941
		51700-0055	5000 x 20	n/a	n/a	n/a	n/a	14 / 26	\$941
		51700-0063	6000 x 25	n/a	n/a	n/a	n/a	14 / 26	\$1002
		51700-0071	8000 x 50	51700-0162	4000 x 20	51700-0220	40000 x 200	14 / 26	\$1002
		51700-0089	10,000 x 50	51700-0170	5000 x 20	51700-0238	50000 x 250	14 / 26	\$1002
	MED	51700-0097	15,000 x 100	n/a	n/a	n/a	n/a	19 / 45	\$1333
		51700-0105	20,000 x 100	51700-0113	10,000 x 50	51700-0246	100,000 x 500	19 / 45	\$1333
	HIGH	52160-0015	30,000 x 200	52160-0049	15,000 x 100	52160-0064	150,000 x 1000	165 / 215	\$2657
		52160-0023	40,000 x 200	52160-0056	20,000 x 100	52160-0072	200,000 x 1000	165 / 215	\$2743
		52160-0031	50,000 x 200	n/a	n/a	n/a	n/a	165 / 215	\$2829

		52170-0013	100,000 x 500	n/a	n/a	n/a	n/a	165 / 215	\$4463
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- Contact US
- 718-336-5900
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- About Us

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