

The EDjunior is an extremely well-built instrument that gets straight to the point - apply a load and take a reading. Its Spartan design is a direct response to industries that have wanted a well-built instrument that could be relied upon for simple, yet critical measurements of force and weight. Easily viewed display with electronic accuracy in a range of capacities make this one the right choice! Includes standard size shackles and carrying case



DILLON

Capacity x Readability

25000 lb x 20 lb

Manufature: Dillon

SKU: AWT05-506320

Free Ground Shipping within the 48
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Features

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Big on the basics - The EDjunior dynamometer gets straight to the point – apply a load; take a reading. Its Spartan design is a direct response to industries that have wanted an extremely well-built instrument that could be relied upon for simple, yet critical measurements of weight and force.

Case and 2 Shackles are Included

A Strong Family Resemblance - The EDjunior draws its strength from the exhaustive engineering that went into the design of the Dillon EDXtreme dynamometer. Both share the same base of research and testing to match material characteristics and load cell technology. The choices made in development have yielded an exceptionally rugged instrument capable of consistently delivering accurate, repeatable measurements.

Extreme Value - The EDjunior is even more remarkable, when you consider price. If you believe you have to pay more, to get more – just compare the Dillon EDjunior to the competition. Nothing else comes close!

Proof of Performance - The EDjunior is all about value. Behind its simple design and easy operation, you will find the quality and performance not found elsewhere in the low price range. With the EDjunior, Dillon proves that economy can go hand-in-hand with accuracy, long service life and, most importantly, worker safety.

Consider the features; compare the numbers:

Measurement Capabilities

The EDjunior provides peak detection as well as sustained load readings. Selectable units of measure include lbf, kgf and Newtons.

- **Accuracy** — The load element design and strain gauges chosen for the EDjunior produce an accuracy of 0.2 % (full scale). This level of precision offers flexibility for use in a broad range of applications.
- **Resolution** — Readings are displayed with a resolution of 1 part in 1000 to ensure the level of el of readability required for critical lifting applications.

Control Interface - The exclusive Dillon SOFTKEY interface provides direct access to setup and display functions without the typical confusing menu structure. The 6-digit dot-matrix display features 1 inch (26 mm) high numerals for greater visibility

High Strength, Low Weight - Heavy, cumbersome tools make tough jobs even harder. Through the use of aircraft quality materials, Dillon has made the EDjunior an easy-to-position, highly mobile instrument with exceptional strength. It offers an impressive factor of safety at all capacities. Dillon’s distinctive curve-body design further eliminates unnecessary weight and streamlines the unit to help prevent binding.

Battery Operation - Power is supplied by two C-cell batteries that are easily accessible through a side-loading port. Battery replacement, however, is a rare event. With the EDjunior’s low power consumption, typical battery life is over 425 hours.

All Environments - With its NEMA4/IP55 design, the EDjunior is at home in virtually any environment and ideally-suited to exterior job-site applications as well as in-plant use.

Backlight - When in a low light area, turn on the configurable backlight to make readings highly visible.

Standard Accessories - Cases for secure transportation and storage of instruments and shackles.

Specifications

Model	EDjr-1T (2.5K)	EDjr-2T (5K)	EDjr-5T (10K)	EDjr-10T (25K)
Capacity x Resolution	2500 x 2 lb 1000 x 1 kg 10000 x 10 N	5000 x 5 lb 2000 x 2 kg 20000 x 20 N	10000 x 10 lb 5000 x 5 kg 50000 x 50 N	25000 x 20 lb 10000 x 10 kg 100000 x 100 N
Ultimate overload protection	700%			500%
Body Construction and Overload Design	Aircraft-quality 2024 aluminum			Aircraft-quality E4340 alloy steel

Enclosure	Designed to NEMA4X/IP55. Suitable for continuous outdoor use.
Accuracy	0.2% of capacity
Repeatability	0.2% of capacity
Proof Load	150% of capacity
Safe Overload	200% of capacity
Display	128 x 64 dot-graphic LCD display shows all digits 1.0" (26 mm) high plus annunciators and softkeys
Display Update Rate	2 times per second.
Peak Capture Rate	10 times per second typical
Calibration	traceable to the National Institute of Standards and Technology. Calibration card included.
Battery Life	425 hours typical use with two C-cell alkaline batteries
Backlight	Configurable. Using backlight will consume more battery power, reducing battery life
Operating Temperature	-4° F to 158° F (-20° to 70° C)
Included with Instrument	Carry case, batteries, manual and calibration card
Warranty	2 years parts and labor
Warranty	Recorded at 120% with date and time stamp

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