

# EDjunior Dynamometer

Lifting the bar in electronic dynamometers

## **Big on the basics**

The EDjunior dynamometer gets straight to the point - apply a load; take a reading. Its 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.

## **A Strong Family Resemblance**

The EDjunior draws its strength from the exhaustive engineering that went into the design of the new Dillon EDxtreme dynamometer. Both share the same base of research and testing that was conducted to match material characteristics and load cell technology. The choices made in the development of the EDjunior 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!

*5,000 lb capacity EDjunior shown.  
EDjunior dynamometers are available in  
capacities up to 25,000 lbf (10000 kgf).*



**DILLON**  
Force Measurement Equipment

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# Proof of Performance

The EDjunior is all about value. Behind its simple design and easy operation, you will find the quality and performance that has been lacking 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 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 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 aluminium or alloy steel, Dillon has made the EDjunior an easy-to-position, highly mobile instrument with exceptional strength. It offers an impressive 7:1 factor of safety at all capacities, except 10,000 kg, which is 5:1.

Dillon's distinctive curved 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 300 hours.

## All Environments

With its NEMA 4X/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.

**Warranty:** 2 years parts and labor

*Right: Low capacity model -  
2,500 lbf / 1000 kgf*



*Dillon also manufactures highly accurate mechanical dynamometers and crane scales, as well as the EDxtreme, a full featured, precision electronic dynamometer with radio communications capability (right).*



# DILLON

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