

# 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 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.

## 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!

*5,000 lb capacity EDjunior shown.  
EDjunior dynamometers are available in  
capacities up to 25,000 lbf (10,000 kgf).*

# DILLON

Force Measurement Equipment



CE

# 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 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.



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



**Specifications and dimensional details** are available from an authorized Dillon Distributor or the website at [www.dillonforce.com](http://www.dillonforce.com).

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).



## AUTHORIZED DISTRIBUTORS

**Ask the experts.** Dillon distributors offer complete service capabilities from application assistance to sales and product support. Their experienced representatives are the most knowledgeable experts that you will find in the force measurement industry. We recommend that you consult these capable specialists for all of your measuring needs.

### DILLON USA

1000 Armstrong Drive  
Fairmont, MN 56031

**Toll-Free:** (800) 368-2031

**Phone:** (507) 238-8796

**Fax:** (507) 238-8258

[www.dillonforce.com](http://www.dillonforce.com)



© Avery Weigh-Tronix 2012. All rights reserved. This publication is issued to provide outline information only which, unless agreed by Avery Weigh-Tronix in writing, may not be regarded as a representation relating to the products or services concerned. Avery Weigh-Tronix reserves the right to alter without notice the specification, design, price or conditions of supply of any product or service.

### DILLON UK

Foundry Lane, Smethwick,  
West Midlands B66 2LP

**Phone:** +44 (0) 845 246 6717

**Fax:** +44 (0) 845 246 6718

**Email:** [sales@dillon-force.co.uk](mailto:sales@dillon-force.co.uk)

[www.dillon-force.co.uk](http://www.dillon-force.co.uk)

# DILLON

## Force Measurement Equipment

A division of Avery Weigh-Tronix, LLC