

# DILLON

## EDjunior Dynamometer Specifications

### Capacity x Resolution

#### Body Construction and Overload Design

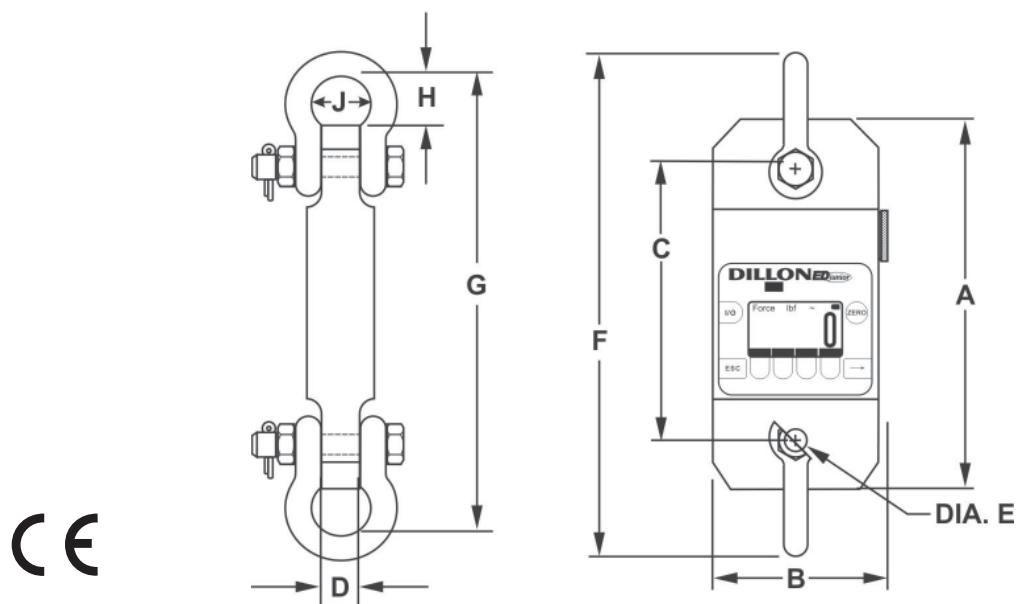
<b>EDjr-1T (EDjr-2.5K)</b>	2,500 lbf x 2	1,000 kgf x 1	10,000 N x 10	Aircraft quality 2024 Aluminum 700% Ultimate overload protection
<b>EDjr-2T (EDjr-5K)</b>	5,000 lbf x 5	2,000 kgf x 2	20,000 N x 20	
<b>EDjr-5T (EDjr-10K)</b>	10,000 lbf x 10	5,000 kgf x 5	50,000 N x 50	
<b>EDjr-10T (EDjr-25K)</b>	25,000 lbf x 20	10,000 kgf x 10	100,000 N x 100	E4340 Alloy Steel 500% Ultimate overload protection

Note: Model in parenthesis shows U.S. convention for describing capacities.

### Dimensions

Dimensions shown are nominal and subject to tolerances

Model		A	B	C	D	E	F	G	H	I	J
<b>EDjr-1T</b>	inch	8.4	5.0	6.9	0.75	0.50	11.6	10.8	1.20	2.03	1.16
	mm	213	127	174	19	13	296	274	30	52	29
<b>EDjr-2T</b>	inch	10.6	5.0	7.8	1.06	0.75	14.8	13.4	1.41	2.94	1.69
	mm	269	127	198	27	19	375	340	35	75	43
<b>EDjr-5T</b>	inch	11.4	5.3	8.1	1.38	1.00	17.8	15.8	2.22	4.03	2.28
	mm	289	135	206	35	25	451	402	56	102	58
<b>EDjr-10T</b>	inch	11.5	5.3	7.9	1.97	1.38	21.6	18.8	3.67	4.53	3.25
	mm	291	133	201	50	35	548	478	93	115	83



# EDjunior Electronic Dynamometer Specifications

## Dynamometer Specifications

**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.

**Ultimate overload:** See table on reverse.

**Safe overload:** 200%

**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 hold sampling rate:** 2 times per second typical.

**RS-232 communication:** Not available.

See Dillon EDxtreme.

**Calibration:** Traceable to the National Institute of Standards and Technology. Calibration card included.

**Battery life:** 320 hours typical use with two C-cell alkaline batteries.

**Operating temperature:** -4° F to 140° F (-20° to 60° C)

**Included with instrument:** Batteries, manual and calibration card.

**Optional accessories:** Carry case.

### Weights

Model		Unit Weight	Weight with Shackles	Approx. Shipping Weight
EDX-1T	lb	2.9	3.9	6
	kg	1.3	1.8	3
EDX-2T	lb	4.5	7.8	10
	kg	2.0	3.9	5
EDX-5T	lb	6.4	14.3	18
	kg	2.9	6.5	8
EDX-10T	lb	17.0	41	47
	kg	8.2	19	21

Improved performance, convenience and features are available from the EDjunior's big brother, the EDxtreme.  
See EDxtreme Electronic Dynamometer brochure and specifications for details.

### 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.

### FREDRICK-SHELTON & ASSOCIATES, INC.

5044 B.U. Bowman Drive, Suite 103  
Buford, GA 30518-5869  
Phone: 770-945-6262  
Fax: 770-945-8585  
Toll-Free Phone: 888-928-3758  
<http://dillonga.com/>

### DILLON

Overload Protection and  
Overhead Weighing Equipment

