

EDjunior Dynamometer Specifications

DILLON

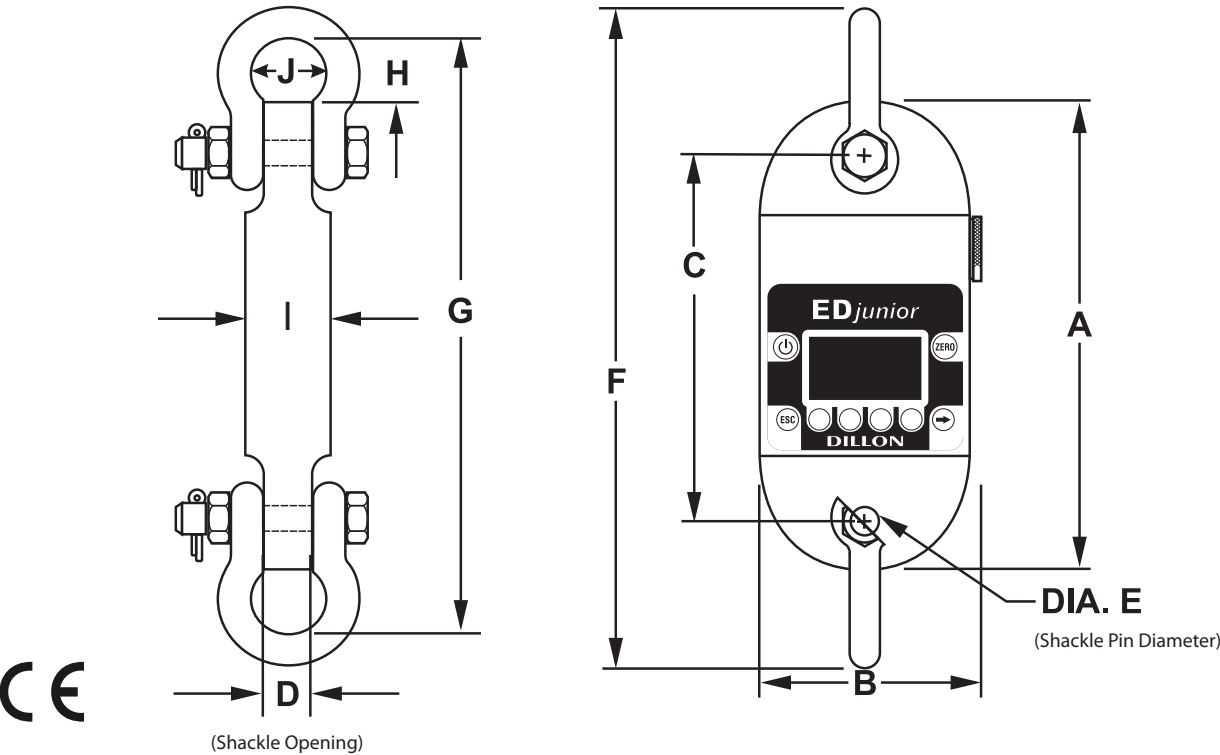
Capacity x Resolution				Body Construction and Overload Design
EDjr-1T (EDjr-2.5K)	2,500 lbf x 2	1,000 kgf x 1	10,000 N x 10	Aircraft quality 2024 Aluminum 700% Ultimate overload protection
EDjr-2T (EDjr-5K)	5,000 lbf x 5	2,000 kgf x 2	20,000 N x 20	
EDjr-5T (EDjr-10K)	10,000 lbf x 10	5,000 kgf x 5	50,000 N x 50	
EDjr-10T (EDjr-25K)	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											
Model		A	B	C	D	E	F	G	H	I	J
EDjr-1T	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
EDjr-2T	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
EDjr-5T	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
EDjr-10T	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

Dimensions using Green Pin shackles (Crosby shackles available).

Dimensions shown are nominal and subject to tolerances.



EDjunior Electronic 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: 10 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: 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

Overload: Recorded at 120% with date and time stamp

Weights

Model	Unit Weight lb (kg)	Ship Weight lb (kg)	Ship Dimension in (mm)
EDjr-1T (2500 lb)	3.9 (1.8)	13 (6)	19 x 16 x 7 (483 x 406 x 178)
EDjr-2T (5000 lb)	7.8 (3.9)	18 (8)	19 x 16 x 7 (483 x 406 x 178)
EDjr-5T (10,000 lb)	14.3 (6.5)	23 (10)	19 x 16 x 7 (483 x 406 x 178)
EDjr-10T (25,000 lb)	41 (19)	54 (24)	22 x 21 x 11 (559 x 533 x 279)

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

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Force Measurement Equipment

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