

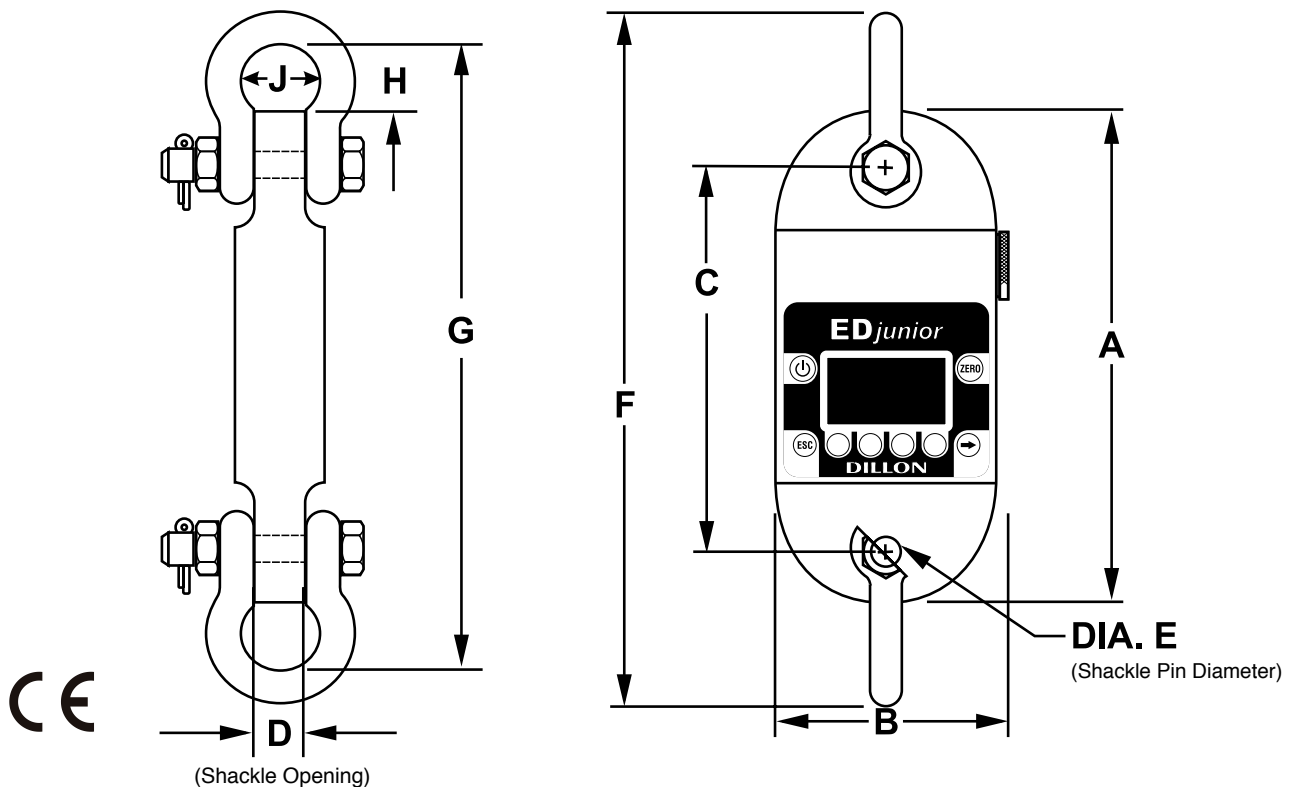
EDjunior Dynamometer Specifications

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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 <i>Dimensions shown are nominal and subject to tolerances</i>											
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



EDjunior Electronic Dynamometer

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	Weight with Shackles	Approx. Shipping Weight
EDjr-1T	lb	2.9	3.9
	kg	1.3	1.8
EDjr-2T	lb	4.5	7.8
	kg	2.0	3.9
EDjr-5T	lb	6.4	14.3
	kg	2.9	6.5
EDjr-10T	lb	17.0	41
	kg	8.2	19

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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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/Quality Plus, Inc.
Distributor/Sales/Service/Calibration
Email: sales@dqpl.us.com
Web: <http://www.testngmachine.com/>
214 E. Kansas Street Suite 101
Liberty, MO. 64068
Phone: 800-493-2263
Phone: 816-453-7600
FAX: 816-453-7677

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Force Measurement Equipment

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