

EDXtreme Blue Dynamometer

A precise, heavy-duty force measurement dynamometer with built-in Bluetooth® connectivity, enabling wireless monitoring and real-time data recording for faster, more efficient testing.

Range

2,500 lbf to 220,000 lbf
(ask about our higher capacity options)

Overload

EDX 1, 2 & 5T = 700%
EDX 10, 25, 50T = 500%
EDX 100T = 400%

Modes

Seven display modes including live & peak

Capture Rate

10Hz, 100Hz & 1000Hz

Accuracy

± 0.1% of instrument capacity

Test

BIT test enabled

Operating Range

-4° F to 158° F (-20° C to 70° C)
Wireless ranger 400 ft / 120 m

Body Protection

Hard polymer storage case included along with calibration certificate

Recalibration

Every 12 months

Proof Load

150%

Memory

Up to 255 logs

Units of Measure

lbf, kgf & Newtons

Resolution

Low / med / high (5000 resolutions)

Data Export

Bluetooth to Dillon Force Mobile App

Battery Life

2 x C battery's with 400+ hours life (backlight off)

Display

128 x 64 dot-graphic backlit LCD

Display Update Rate

2 times per second

Calibration

Traceable to the National Institute of Standards and Technology. Certificate included with curve of readings

Environmental

IP68
Suitable for continuous outdoor use

Approvals

CE

Bluetooth

Frequency = 2.402 GHz to 2.480 GHz
Output Level = 2.5 mW (dBm)
Range = open air up to 400 ft



Capacity & Resolution

Model*	Capacity x Resolution (normal/enhanced)			Overload†	Construction
EDx-1T (EDx-2.5K)	2,500 lbf x 2/0.5	1,000 kgf x 1/0.2	10,000 N x 10/2	700%	Aircraft-quality 2024 aluminum
EDx-2T (EDx-5K)	5,000 lbf x 5/1	2,000 kgf x 2/0.5	20,000 N x 20/5	700%	Aircraft-quality 2024 aluminum
EDx-5T (EDx-10K)	10,000 lbf x 10/2	5,000 kgf x 5/1	50,000 N x 50/10	700%	Aircraft-quality 2024 aluminum
EDx-10T (EDx-25K)	25,000 lbf x 20/5	10,000 kgf x 10/2	100,000 N x 100/20	500%	Aircraft-quality E4340 alloy steel
EDx-25T (EDx-55K)	55,000 lbf x 50/10	25,000 kgf x 20/5	250,000 N x 200/50	500%	Aircraft-quality E4340 alloy steel
EDx-50T (EDx-100K)	100,000 lbf x 100/20	50,000 kgf x 50/10	500,000 N x 500/100	500%	Aircraft-quality E4340 alloy steel
EDx-100T (EDx-220K)	220,000 lbf x 200/50	100,000 kgf x 100/20	100,000 N x 100/20	400%	Aircraft-quality E4340 alloy steel

*Model number in parenthesis shows U.S. convention for describing capacities. † Ultimate overload protection rating.

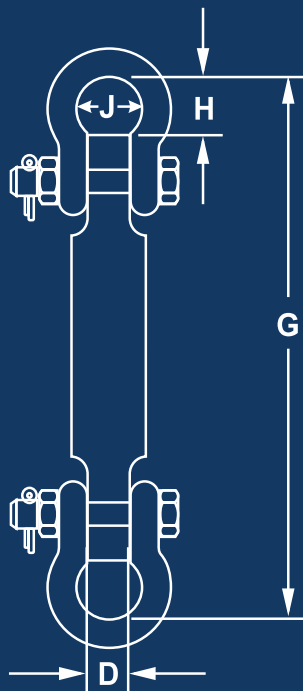
Weights

Model	Unit Weight lb (kg)	Weight with Shackles lb (kg)	Unit Ship Weight lb (kg)	Unit/Shackle Ship Dimension in (mm)
EDx-1T	4.3 (2.0)	8.6 (3.9)	18 (8)	16 x 7 x 19 (406 x 178 x 483)
EDx-2T	4.4 (2.0)	8.7 (3.9)	18 (8)	16 x 7 x 19 (406 x 178 x 483)
EDx-5T	5.6 (2.5)	14 (6)	23 (10)	16 x 7 x 19 (406 x 178 x 483)
EDx-10T	16 (7.3)	38 (17)	53 (24)	21 x 11 x 23 (553 x 279 x 584)
EDx-25T	25 (11)	91 (41)	37 (17)	15 x 8 x 26 (381 x 203 x 660)
EDx-50T	38 (17)	216 (98)	52 (24)	17 x 9 x 23 (432 x 229 x 483)
EDx-100T*	70 (32)	395 (179)	480 (218)	—

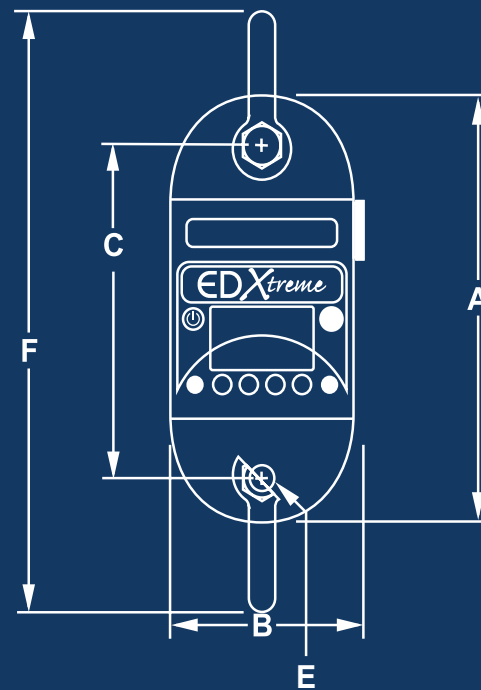
*Ships on pallet

Dimensions inches (mm)

Model	A	B	C	D	E	F	G	H	J	Shackle
EDx-1T	10.6 (269)	5.0 (127)	7.8 (198)	1.06 (26)	0.75 (19)	15.3 (389)	13.4 (340)	1.36 (34)	1.69 (43)	Dillon
EDx-2T	10.6 (269)	5.0 (127)	7.8 (198)	1.06 (26)	0.75 (19)	15.3 (389)	13.4 (340)	1.36 (34)	1.69 (43)	Dillon
EDx-5T	11.4 (289)	5.3 (135)	8.1 (206)	1.46 (37)	1.00 (25)	17.5 (444)	15.7 (400)	2.17 (55)	2.28 (58)	Green Pin*
EDx-10T	11.5 (291)	5.3 (133)	7.9 (201)	2.01 (51)	1.38 (35)	21.0 (534)	18.5 (470)	3.50 (89)	3.25 (83)	Green Pin*
EDx-25T	13.7 (348)	6.0 (152)	9.0 (229)	2.91 (74)	1.97 (50)	28.7 (730)	25.2 (640)	5.70 (146)	4.96 (126)	Green Pin*
EDx-50T	15.8 (400)	6.8 (172)	10.3 (262)	4.13 (105)	2.75 (70)	38.8 (986)	33.7 (856)	8.98 (228)	7.09 (180)	Green Pin*
EDx-100T	18.0 (457)	7.8 (197)	11.0 (280)	5.00 (127)	3.25 (83)	46.9 (1191)	40.4 (1025)	11.14 (283)	7.48 (190)	Green Pin*



(SHACKLE OPENING)



(SHACKLE PIN DIAMETER)



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Force Measurement Equipment

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