

DILLON™

EDx

- **THREE CONFIGURATIONS:**
 - BASIC STAND-ALONE
 - REMOTE CABLE CONTROL
 - REMOTE RADIO CONTROL
- **CAPACITIES TO 550,000 lbf / 250,000 kgf**
- **SELECTABLE UNITS: lbf / kgf / N**
- **NEMA 4 WEATHERPROOF HOUSING**
- **RS232/RS485 COMPUTER OUTPUT**
- **BATTERY OR AC POWER**
- **ACCURACY: ± 0.1%**

CONSTRUCTION

- High capacity EDx are nickel-plated alloy steel; low capacity models are anodized aluminum.
- Shackles are industry standard forged steel.
- 5:1 safety factor with 700% ultimate overload protection.
- NEMA enclosures for continuous outdoor use.
- Easy access battery compartment no tools required.
- EDx rounded ends prevent binding and snagging.

OPERATION

- Stand-alone EDx for simple direct applications.
- Cable EDx for improved remote safety applications.
- Radio EDx for extremely versatile remote applications.
- RS232/RS485 data to computer via cable.
- Hand-held remote Communicator manages one or more EDx using radio links and displays load at any or all points with total of all.
- Radio EDx operates on nominal 2.4 Ghz to eliminate interference and scans to the strongest signal.
- Open-air radio range to 300'; indoors to 150'.

DISPLAY

- Large 1" high, 0.1" thick LCD 6 digit display.
- Selectable lbf/kgf/N units.
- Selectable normal or enhanced fine reading resolution.

POWER REQUIREMENTS

- EDx - AC adapter or 320 hour batteries.
- Communicator - AC adapter or 40 hour batteries.

ACCESSORIES

- Batteries, manual, NIST Calibration Certificate and case.

ACCURACY

- ± 0.1% of full scale through EDx 100K.
- ± 0.3% of full scale for EDx 160K and above.

EDx
Dynamometer



Remote Communicator

The **EDx Digital Dynamometer** offers **three configurations** from digital hanging scale to remote cable or remote radio control:

- EDx Dynamometer - Stand-alone non-remote.
- EDx Dynamometer - Cable connected remote Communicator.
- EDx Dynamometer - Radio linked remote Communicator.

Modular design is the key to and most attractive feature of the EDx advanced configurations. The **stand alone EDx** Dynamometer is easily **upgraded to remote control** by adding the Communicator display for remote viewing and control of one or several EDx.

The **EDx Communicator** is linked to the EDx Dynamometer with **25' or 50' cable** or **radio** with an **outdoor range to 300'**.

One or several EDx radio dynamometers are monitored by a single remote radio linked controller. For multiple EDx operations, the radio controller displays the load at each EDx and sums the total of all.

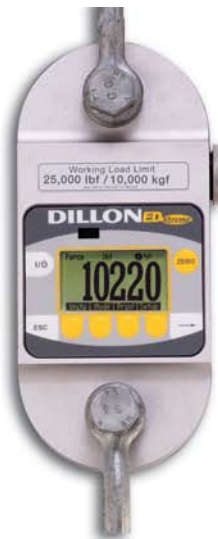
EDx data is sent to a PC via **RS232 serial cable** for compilation and analysis or to generate hardcopy printouts.

The **rugged EDx** is a highly refined dynamometer using **premium grade materials** that achieve a **minimum 5:1 safety factor**. Lower capacity models are anodized aircraft quality aluminum, while high capacity EDx are nickel-plated alloy steel. All EDx are built to **NEMA standards** for reliability in **any environment**.

Prices and specifications are subject to change without notice.

CALL US TOLL FREE 800-345-4188





**EDx
Non-Remote
OPTION (1)**



**EDx
Remote Cable
OPTION (2)**



**EDx
Remote Radio
OPTION (3)**

EDx DYNAMOMETER SPECIFICATIONS

Model	Non-Remote Basic Option (1)	Remote Cable Option (2)	Remote Radio Option (3)	CAPACITY x RESOLUTION (Normal / Enhanced)*			EDx with 2 shackles lb / kg	Shipping Weight lb / kg
				lbf	kgf	N		
EDx-2.5K	\$1,785	\$2,745	\$3,705	2,500 x	2/0.5 lbf	1,000 x 1/0.2 kgf	10,000 x 10/2 N	8.6 / 3.9 13 / 6
EDx-5K	1,985	2,945	3,960	5,000 x	5/1 lbf	2,000 x 2/0.5 kgf	20,000 x 20/5 N	8.7 / 3.9 13 / 6
EDx-10K	2,335	3,295	4,320	10,000 x	10/2 lbf	5,000 x 5/1 kgf	50,000 x 50/10 N	14 / 6.1 22 / 10
EDx-25K	2,935	3,895	4,913	25,000 x	20/5 lbf	10,000 x 10/2 kgf	100,000 x 100/20 N	40 / 18 46 / 21
EDx-50K	3,625	5,700	5,605	50,000 x	50/10 lbf	20,000 x 20/5 kgf	200,000 x 200/50 N	96 / 43 125 / 56
EDx-100K	6,140	7,100	8,115	100,000 x	100/20 lbf	50,000 x 50/10 kgf	500,000 x 500/100 N	238 / 108 296 / 134
EDx-160K	11,670	12,630	13,650	160,000 x	100/50 lbf	75,000 x 50/20 kgf	—	250 / 114 325 / 145
EDx-220K	16,205	17,165	18,180	220,000 x	200/50 lbf	100,000 x 100/20 kgf	—	410 / 186 480 / 218
EDx-330K	24,955	25,915	26,925	330,000 x	200/100 lbf	150,000 x 100/50 kgf	—	650 / 295 750 / 340
EDx-550K	39,095	40,055	41,075	550,000 x	500/200 lbf	250,000 x 200/50 kgf	—	1,490 / 675 1,600 / 725

*Normal or enhanced resolution is selected at EDx or remote display Communicator.

OPTION (1) – EDx Dynamometer, 2 shackles and AC adapter. For backlight, add \$100.00.

OPTION (2) – EDx Dynamometer, 2 shackles, 25' cable, remote display with backlight and AC adapter.**

OPTION (3) – EDx Dynamometer, 2 shackles, remote radio display with backlight and AC adapter.**

ALL OPTIONS INCLUDE: Batteries, AC adapter**, manual, NIST Calibration Certificate and plastic case thru 100K; plywood over 100K.

**Specify if AC adapter will be used with EDx or remote display Communicator.

ACCESSORIES

36057-0022	Cable, computer serial with 9 pin / D connector, 12 feet	\$95
36262-0015	Power Adapter, 100 - 240 VAC, standard U.S. wall plug for EDx	155
36262-0023	Power Adapter, 100 - 240 VAC, standard U.S. wall plug for remote display	155
46605-0069	Wall mount holder for remote display	26
46605-0077	Protective rubber sleeve for remote display - outdoor use	48
36057-0071	Cable, remote display to EDx, 50 feet, for Option (2)	185

Notes:

- 1) Various other configurations are available - Up to 15 EDx for one remote radio communicator and 63 remotes in the same airspace.
- 2) Remote radio EDx is FCC certified for unlicensed low power devices - no radio license or permit required for the U.S. or Canada.

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www.wagnerinstruments.com

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