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DILLON

Capacity x Readability
 5000 lb x 1 lb

Manufacture: Dillon
SKU: AWT05-509247

Weight: 13.70 lb
 Free Ground Shipping within the 48
 continental US States

Please Call (800)832-0055

Features

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Building a precision instrument that can survive real world punishment requires masterful engineering. This is where Dillon's experience shines through. The engineers assigned to the EDX Crane Scale drew on a depth of industrial application knowledge and conducted exhaustive materials testing to achieve the highest structural integrity.

EDXtreme Crane Scales are made up of two parts, an EDXtreme Dynamometer and the associated crane scale hardware kit which includes the following: a swivel hook, oversized shackle assembly & a wooden shipping/storage crate.

Guesswork is not acceptable – failure is not an option. When you have people working around high tension cables and massive loads, there is no room for error. You have to have complete confidence in the strength and the accuracy of your measurement tools.

Features

- Dramatically improved battery life in the EDXtreme link
 - Dramatically improved radio communications distance
 - High speed Peak Capture 10/100/1,000 Hz
 - Improved backlight intensity
 - Lift and store of weight / force
 - Date and time
 - Continuous data storage
 - Re-calibration reminder
 - Can communicate with two Communicators via radio
 - Overload at 120% with date and time record
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- Sturdy aircraft-quality aluminum (shown) or alloy steel on high-capacity models
 - High-resolution dot-matrix LCD display offers large numbers without confusing abbreviations or multipliers
 - Injection molded, thick Lexan panels offer superior impact protection
 - Softkey interface allows easy and intuitive operation and configuration
 - NEMA 4X / IP55 designed for weather and water resistance
 - Rounded ends reduce weight and prevent binding and snagging with rigging
 - Popular industry-standard shackles insure proper fit

Uncompromising on safety and adaptable to the need

The EDXtreme exemplifies the trademark precision and rugged construction of Dillon dynamometers. Its highly refined design draws on the inherent strengths of premium-grade materials to achieve a 5:1 minimum factor of safety.*

* Models with 75 T/160,000 lb or higher capacity feature a 4:1 safety factor and 0.3% accuracy.

While the EDXtreme may be configured for something as simple as a digital hanging scale, it offers a higher level of intelligence. With user-defined functions and sophisticated communication options, the EDXtreme readily adapts to multi-tasking operations or multi-link systems capable of monitoring a series of critical stress points from a single location — it is the definition of application versatility.

The EDXtreme Crane scale is well suited for applications that are looking for high-accuracy, remote display, networking and hook at an affordable cost. Resolution can be toggled from 1,000 divisions (standard) to 5,000 divisions (enhanced) by the operator. The EDXtreme will talk to a Communicator handheld display. The price includes a dynamometer, standard upper shackle, basic swivel hook (non-swivel hook for 55,000lb - 25000Kg), user manual, 2 C cell batteries, calibration certificate and a wooden shipping crate.

Specifications

Model	EDX-1T-R-S-BS-WC AWT05-509246	EDX-2-R-S-BS-WC AWT05-509247	EDX-5T-R-S-BS-WC AWT05-509248	EDX-10T-R-S-BS-WC AWT05-509249	EDX-25T-R-S-NS-WC AWT05-509250
Capacity x Resolution	2,500 x 2 lb 1,000 x 1 kg	5,000 x 5 lb 2,000 x 2 kg	10,000 x 10 lb 5,000 x 5 kg	25,000 x 20 lb 10,000 x 10 kg	55,000 x 50 lb 25,000 x 20 kg
Normal Mode	10,000 x 10 N	20,000 x 20 N	50,000 x 50 N	100,000 x 100 N	250,000 x 200 N
Capacity x Resolution Enhanced Mode	2,500 x 0.5 lb 1,000 x 0.2 kg	5,000 x 1 lb 2,000 x 0.5 kg	10,000 x 2 lb 5,000 x 1 kg	25,000 x 5 lb 10,000 x 2 kg	55,000 x 10 lb 25,000 x 5 kg
Overload	700%			500%	
Construction	Aircraft-quality 2024 aluminum			Aircraft-quality E4340 alloy steel	
Enclosure	Designed to NEMA4X/IP55. Suitable for continuous outdoor use				
Accuracy	0.1% of capacity up to EDx-50T.* - 0.3% of capacity for EDx-75T and above.*				
Repeatability	0.1% of capacity up to EDx-50T.* - 0.3% of capacity for EDx-75T and above.*				
Proof Load	150% of capacity up to EDx-75T. - 110% of capacity EDx-100T and above.				
Safe Overload	200% of capacity				
Body Protection	Aluminum and alloy steel capacities are powder coated.				
Bearings	Unmatched repeatability attained by needle bearings in shackle pin holes up to EDx-5T. Shackle pin acts as inner race				
Shackles	Forged industry standard anchor shackles. Models up to EDx-5T use precision machined shackle pin. Higher capacities use bar stock pin				
Display	128 x 64 dot-graphic LCD display shows up to 6 digits 1.0" (26 mm) high plus annunciators and softkeys. Digits are .11 inches (3 mm) thick for unmatched readability.				
Display Update Rate	2 times per second.				
Peak Capture Rate	10/100/1,000 Hz				
Connector	Recessed sealed connector may be used for serial communications or connection to a Communicator II remote.				
RS-232 Communication	Print or extract data easily. Continuous output can drive a scoreboard. Configurable poll character.				
Calibration	Traceable to the National Institute of Standards and Technology. Certificate included with curve of readings. Passes only with three consecutive confirming runs, with all points in specification				
Battery Life	Stand alone EDXtreme with no radio and no backlight lasts up to 400+ hours. 150 hours continuous with Radio Link System. Use with two C-Cell alkaline batteries. (When using backlight, battery life will be reduced, depending on intensity.)				
Operating Temperature	-4° F to 158° F (-20° to 70° C)				

Included with Instrument

All include certificate of calibration, manual and batteries. Plastic carry case included for EDx-1T to EDx-50T. Higher capacities include rugged plywood storage crate. Instruments with shackles include centering spacers (EDx-20T & up) and shackle storage crate (EDx-20T to EDx-75T). Display backlight.

Options

Shackles. Radio communications

Approval

CE

i81u812

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