

MSI-7300 DYNA-LINK 2

DIGITAL TENSION
DYNAMOMETER

COMPATIBLE WITH:



MSI-8000 HD RF Remote Display



MSI-8000 RF Remote Display



8004



LaserLight2 Remote Display



Rugged Remote



ScaleCore Connect



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MSI-7300 DYNA-LINK 2

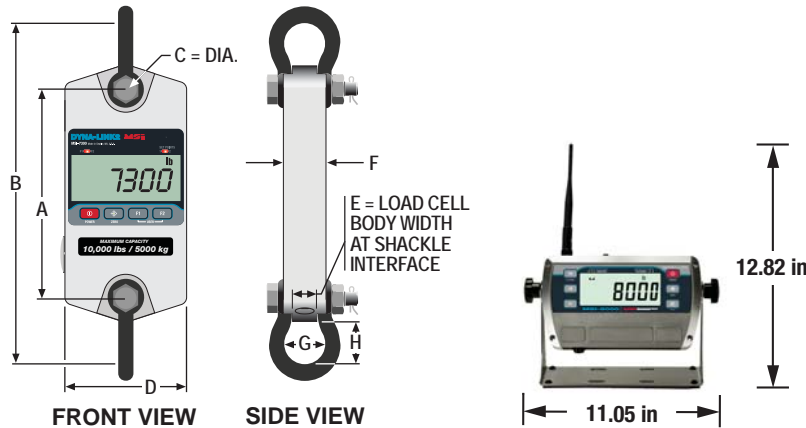
DIGITAL TENSION DYNAMOMETER

Introducing new and enhanced performance features

Dyna-Link 2 is lighter and more portable than its predecessor. It interfaces with industry-standard Crosby® shackles and a variety of accessories and options, including wireless connectivity with the MSI-8000 and 8000HD RF remote display. Long-range viewing is enhanced by a large six-digit, 1.00 inch (25.4 mm) LCD display with resolution settings up to 5,000 divisions and precision accuracy over a wide range of capacities.

Dyna-Link 2 is constructed of high-grade, aircraft-quality aluminum with an anodized finish and gasket sealing to ensure NEMA 4/IP65 rated environmental protection.

Peak digital processing with low power consumption provides up to 300 hours of operation from standard common batteries during typical use. The optional MSI-8000 RF remote display provides full-function remote control of Dyna-Link 2 features up to distances of 100 feet (30m). An integrated serial port offers interface capabilities with data collection devices.



| Capacity | Resolution | A | B | C | D | E | F | G | H | Shipping Weight without Shackles | Optional Crosby Shackles |
|----------------------------|------------------|--------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------------------|--------------------------|
| 1,000 lb 500 kg | .5 lb .2 kg | 8.0 in 203 mm | 13.53 in 344 mm | .75 in 19 mm | 5 in 127 mm | .99 in 25 mm | 1.75 in 44.5 mm | 1.69 in 43 mm | 1.75 in 44.4 mm | 8 lb 3.6 kg | G-2130 3.25T |
| 2500 lb 1250 kg | 1 lb .5 kg | 8.5 in 216 mm | 14.03 in 356 mm | .75 in 19 mm | 5 in 127 mm | .99 in 25 mm | 1.75 in 44.5 mm | 1.69 in 43 mm | 1.75 in 44.4 mm | 9 lb 4.0 kg | G-2130 3.25T |
| 5,000 lb 2,500 kg | 2 lb 1 kg | 8.5 in 216 mm | 14.03 in 356 mm | .75 in 19 mm | 5 in 127 mm | .99 in 25 mm | 1.75 in 44.5 mm | 1.69 in 43 mm | 1.75 in 44.4 mm | 9 lb 4.0 kg | G-2130 3.25T |
| 10,000 lb 5,000 kg | 5 lb 2 kg | 8.5 in 216 mm | 16.14 in 410 mm | 1 in 25 mm | 5.50 in 140 mm | 1.35 in 34 mm | 2.00 in 51 mm | 2.28 in 58 mm | 2.34 in 59.4 mm | 11 lb 5.0 kg | G-2130 6.5T |
| 25,000 lb 12,500 kg | 10 lb 5 kg | 9.5 in 241 mm | 22.66 in 576 mm | 1.63 in 41 mm | 6.38 in 162 mm | 2.24 in 57 mm | 2.50 in 63.5 mm | 3.88 in 99 mm | 4.69 in 119 mm | 19 lb 8.6 kg | G-2130 17T |
| 50,000 lb 25,000 kg | 20 lb 10 kg | 9.63 in 245 mm | 25.67 in 652 mm | 2 in 51 mm | 7.50 in 191 mm | 2.74 in 70 mm | 3.25 in 82.5 mm | 5.00 in 127 mm | 5.75 in 146 mm | 29 lb 13 kg | G-2130 25T |
| 100,000 lb 50,000 kg | 50 lb 20 kg | 12 in 305 mm | 29.75 in 756 mm | 2.25 in 57 mm | 8.13 in 207 mm | 3.11 in 79 mm | 5.25 in 133 mm | 5.75 in 146 mm | 4.81 in 122 mm | 65 lb 30 kg | G-2140 55T |
| 120,000 lb* 60,000 kg | 50 lb 20 kg | 10 in 254 mm | 27.75 in 705 mm | 2.31 in 58.4 mm | 7.25 in 184.2 mm | 3 in 76.2 mm | 2.50 in 64 mm | 5.75 in 146.1 mm | 5.87 in 149.1 mm | 57 lb 26 kg | G-2140 55T |
| 180,000 lb* 90,000 kg | 100 lb 50 kg | 10.50 in 267 mm | 34.25 in 870 mm | 2.81 in 71.4 mm | 7.75 in 197 mm | 3.75 in 95.3 mm | 3 in 76.2 mm | 7.25 in 184.2 mm | 8.50 in 216 mm | 79 lb 36 kg | G-2140 85T |
| 260,000 lb* 130,000 kg | 100 lb 50 kg | 11 in 279 mm | 40.25 in 1022.4 mm | 3.31 in 84.1 mm | 8 in 203.2 mm | 4.60 in 117 mm | 3.60 in 91.4 mm | 7.88 in 200.2 mm | 11.13 in 283 mm | 100 lb 45 kg | G-2140 120T |
| 380,000 lb* 190,000 kg | 200 lb 100 kg | 12.50 in 318 mm | 45.75 in 1162 mm | 4.31 in 109.5 mm | 9 in 229 mm | 5.13 in 130.3 mm | 4.38 in 111.3 mm | 10 in 254 mm | 11.88 in 302 mm | 169 lb 77 kg | G-2140 175T |
| 550,000 lb** 275,000 kg | 200 lb 100 kg | 17 in 432 mm | 62 in 1575 mm | 5.06 in 129 mm | 9.75 in 248 mm | 8 in 203.2 mm | 6 in 152.4 mm | 13 in 330.2 mm | 17 in 432 mm | 336 lb 152 kg | G-2140 250T |

*500% Ultimate overload **440% ultimate overload

Consult factory for higher capacities from 60 to 275 tons. Crosby is a registered trademark of The Crosby Group, LLC.

Specifications

| | |
|-------------------------------|--|
| Accuracy: | 0.1% FS of rated capacity (Up to 50 ton) 0.5% FS of rated capacity (50 ton and above) |
| Enclosure: | NEMA 4, IP65, anodized corrosion-resistant finish |
| Material: | 2024 aircraft grade aluminum |
| Design Overload: | 200% Safe / 700% Ultimate* (except where noted) |
| Functions: | On/off, zero, hi-speed peak hold, setpoints, total, tare, auto-off, motion filter |
| Display: | Six-digit, 1.00 in (25.4 mm) LCD |
| Displayable Units: | Pounds, kilograms, kilonewtons, tons, metric tons |
| LED Annunciators: | Function 1, function 2, setpoint 1, setpoint 2 |
| LCD Annunciators: | Net, center of zero, stable, battery test, peak hold, total |
| Power: | Two each "C" alkaline batteries for capacities up to 10,000 lb Two each "D" alkaline batteries for capacities 25,000–100,000 lb |
| Operating Time: | From 150 to 300 hours in typical use depending on unit capacity and battery configuration. Less with optional RF modem link installed |
| Operating Temperature: | -4°F to 140°F (-20°C to 60°C) |
| Calibration: | Digital |
| Filtering: | OFF, LO, HI selectable |
| Data Output: | Serial RS-232 |

Options and Accessories

- RF modem link for wireless connectivity with optional MSI-8000 or 8000HD RF remote display, 8004, Rugged remote
- Enhanced display resolution (5000 d)
- Audible setpoint alarm
- Crosby top & bottom shackles
- Portable transport case
- Serial output cable
- Heavy capacity configurations (60 to 275 ton)
- Wi-Fi, Bluetooth

MSI-8000HD RF Remote Display Features

| | |
|----------------------|--|
| Keypad: | On/Off, Zero (100%), tare, print, and two user-defined keys for the following functions: peak hold, high resolution, total, view total, net/gross, units switching |
| Display: | Six-digit, 1.00 in (26.4 mm) LCD |
| Annunciators: | Stable, CO2, peak, kg, kN, lb, M, ton, detpoint, function LEDs. Channels: 1,2,3,4 and TTL |
| Power: | 90-264VAC, 9-36VDC or internal lithium battery. |
| RF Frequency: | 2.4 GHz - 802.15.4 operating range 100 ft (33 m) typical |
| Enclosure: | NEMA 4/IP68 Milled anodized aluminum with O-ring gaskets |

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Specifications subject to change without notice.