

# MSI-7300 DYNA-LINK 2

DIGITAL TENSION  
DYNAMOMETER



COMPATIBLE WITH:



MSI-8000 RF Remote Display

# MSI-7300 DYNA-LINK 2

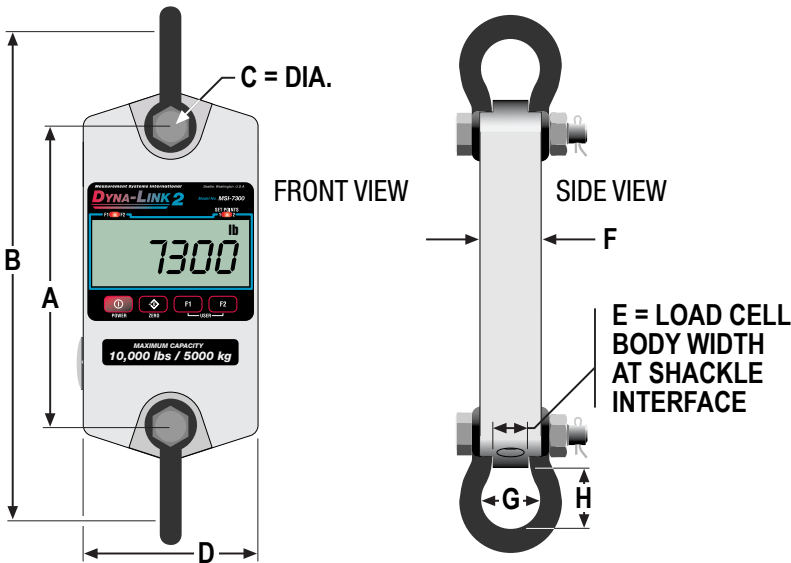
DIGITAL TENSION DYNAMOMETER

## 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 RF Remote Display. Long-range viewing is enhanced by a large five-digit, 1.22 inch (31 mm) LCD 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 (30 m). 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
1,000lb 500kg	0.5lb 0.2kg	8.0in 203mm	13.53in 344mm	0.75in 19mm	5in 127mm	0.99in 25mm	1.75in 44.5mm	1.69in 43mm	1.75in 44.4mm	8lb 3.6kg	G-2130 3.25T
2500lb 1250kg	1lb 0.5kg	8.5in 216mm	14.03in 356mm	0.75in 19mm	5in 127mm	0.99in 25mm	1.75in 44.5mm	1.69in 43mm	1.75in 44.4mm	9lb 4.0kg	G-2130 3.25T
5,000lb 2,500kg	2lb 1kg	8.5in 216mm	14.03in 356mm	0.75in 19mm	5in 127mm	0.99in 25mm	1.75in 44.5mm	1.69in 43mm	1.75in 44.4mm	9lb 4.0kg	G-2130 3.25T
10,000lb 5,000kg	5lb 2kg	8.5in 216mm	16.14in 410mm	1in 25mm	5.50in 140mm	1.35in 34mm	2.00in 51mm	2.28in 58mm	2.34in 59.4mm	11lb 5.0kg	G-2130 6.5T
25,000lb 12,500kg	10lb 5kg	9.5in 241mm	22.66in 576mm	1.63in 41mm	6.38in 162mm	2.24in 57mm	2.50in 63.5mm	3.88in 99mm	4.69in 119mm	19lb 8.6kg	G-2130 17T
50,000lb* 25,000kg	20lb 10kg	9.63in 245mm	25.67in 652mm	2in 51mm	7.50in 191mm	2.74in 70mm	3.25in 82.5mm	5.00in 127mm	5.75in 146mm	29lb 13kg	G-2130 25T
100,000lb* 50,000kg	50lb 20kg	12in 305mm	29.75in 756mm	2.25in 57mm	8.13in 207mm	3.11in 79mm	5.25in 133mm	5.75in 146mm	4.81in 122mm	65lb 30kg	G-2140 55T

Consult factory for higher capacities from 60 to 275 tons.  
\* 500% Ultimate overload  
Crosby is a registered trademark of The Crosby Group, LLC.



## Specifications

**Accuracy:** 0.1% of rated capacity  
**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:** Five-digit, 1.22 in (31 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 25,000–100,000lb  
**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 130°F (-20°C to 54°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 RF Remote Display
- Enhanced display resolution (5000 d)
- Audible setpoint alarm
- Crosby top & bottom shackles
- Portable transport case
- Serial output cable
- Heavy capacity configurations (60 to 275 tons)

## MSI-8000 RF Remote Display Features

**Functions:** On/Off, Zero, Tare, Peak Hold, Units, Total, High Res, Net/Gross, Print, Test  
**Display:** Five-digit, 1.22 in (31 mm) LCD  
**Annunciators:** Same as MSI-7300 Dyna-Link 2 load sensor  
**Power:** Rechargeable Lithium Polymer Battery  
24 hours of operating time between charging in typical use  
115/230VAC battery charger is included  
**RF Frequency:** 2.4 GHz - 802.15.4 operating range 100 ft (30 m) typical  
**Enclosure:** Industrial grade NEMA 4/IP65  
**Output:** Serial RS-232



Shipping Weight without Shackles: 8lb / 3.6kg  
 Optional Crosby Shackles: G-2130 3.25T

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