

# MSI-7300 DYNA-LINK 2

DIGITAL TENSION DYNAMOMETER

COMPATIBLE WITH:



MSI-8000 HD RF Remote Display



8004



LaserLight2 Remote Display



MSI-8000 RF Remote Display



Rugged Remote



ScaleCore Connect



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# MSI-7300 DYNA-LINK 2

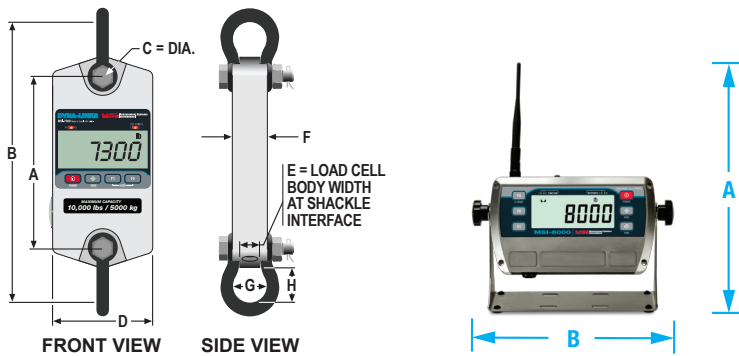
DIGITAL TENSION DYNAMOMETER

## 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 (30 m). An integrated serial port offers interface capabilities with data collection devices.



## SPECIFICATIONS

<b>ACCURACY:</b>	0.1% + 1d of rated capacity (Up to 50 ton) 0.5% + 1d of rated capacity (50 ton and above)
<b>ENCLOSURE:</b>	NEMA 4, IP65, anodized corrosion-resistant finish
<b>MATERIAL:</b>	2024 aircraft grade aluminum
<b>DESIGN OVERLOAD:</b>	200% Safe / 700% Ultimate* (except where noted)
<b>FUNCTIONS:</b>	On/off, zero, hi-speed peak hold, setpoints, total, tare, auto-off, motion filter
<b>DISPLAY:</b>	Six-digit, 1.00 in (25.4 mm) LCD
<b>DISPLAYABLE UNITS:</b>	Pounds, kilograms, kilonewtons, tons, metric tons
<b>LED ANNUNCIATORS:</b>	Function 1, function 2, setpoint 1, setpoint 2
<b>LCD ANNUNCIATORS:</b>	Net, center of zero, stable, battery test, peak hold, total
<b>POWER:</b>	Two each "C" alkaline batteries for capacities up to 10,000 lb Two each "D" alkaline batteries for capacities 25,000–100,000 lb
<b>OPERATING TIME:</b>	From 150 to 300 hours in typical use depending on unit capacity and battery configuration. Less with optional RF modem link installed
<b>OPERATING TEMPERATURE:</b>	-4°F to 140°F (-20°C to 60°C)
<b>CALIBRATION:</b>	Digital
<b>FILTERING:</b>	OFF, LO, HI selectable
<b>DATA OUTPUT:</b>	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

<b>KEYPAD:</b>	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
<b>DISPLAY:</b>	Six-digit, 1.00 in (26.4 mm) LCD
<b>ANNUNCIATORS:</b>	Stable, COZ, peak, kg, kN, lb, M, ton, detpoint, function LEDs. Channels: 1, 2, 3, 4 and TTL
<b>POWER:</b>	90-264VAC, 9-36VDC or internal lithium battery.
<b>RF FREQUENCY:</b>	2.4 GHz - 802.15.4 operating range 100 ft (33 m) typical
<b>ENCLOSURE:</b>	NEMA 4/IP68 Milled anodized aluminum with O-ring gaskets
<b>OUTPUT:</b>	Dual RS-232 Comm Ports

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 lb (203 mm)	13.53 lb (344 mm)	.75 lb (19 mm)	5 lb (127 mm)	.99 lb (25 mm)	1.75 lb (44.5 mm)	1.69 lb (43 mm)	1.75 lb (44.4 mm)	8 lb (3.6 mm)	G-2130 3.25T
2500 lb (1250 kg)	1 lb (.5 kg)	8.5 lb (216 mm)	14.03 lb (356 mm)	.75 lb (19 mm)	5 lb (127 mm)	.99 lb (25 mm)	1.75 lb (44.5 mm)	1.69 lb (43 mm)	1.75 lb (44.4 mm)	9 lb (4.0 mm)	G-2130 3.25T
5,000 lb (2,500 kg)	2 lb (1 kg)	8.5 lb (216 mm)	14.03 lb (356 mm)	.75 lb (19 mm)	5 lb (127 mm)	.99 lb (25 mm)	1.75 lb (44.5 mm)	1.69 lb (43 mm)	1.75 lb (44.4 mm)	9 lb (4.0 mm)	G-2130 3.25T
10,000 lb (5,000 kg)	5 lb (2 kg)	8.5 lb (216 mm)	16.14 lb (410 mm)	1 lb (25 mm)	5.50 lb (140 mm)	1.35 lb (34 mm)	2.00 lb (51 mm)	2.28 lb (58 mm)	2.34 lb (59.4 mm)	11 lb (5.0 mm)	G-2130 6.5T
25,000 lb (12,500 kg)	10 lb (5 kg)	9.5 lb (241 mm)	22.66 lb (576 mm)	1.63 lb (41 mm)	6.38 lb (162 mm)	2.24 lb (57 mm)	2.50 lb (63.5 mm)	3.88 lb (99 mm)	4.69 lb (119 mm)	19 lb (8.6 mm)	G-2130 17T
50,000 lb (25,000 kg)	20 lb (10 kg)	9.63 lb (245 mm)	25.67 lb (652 mm)	2 lb (51 mm)	7.50 lb (191 mm)	2.74 lb (70 mm)	3.25 lb (82.5 mm)	5.00 lb (127 mm)	5.75 lb (146 mm)	29 lb (13 mm)	G-2130 25T
100,000 lb (50,000 kg)	50 lb (20 kg)	12 lb (305 mm)	29.75 lb (756 mm)	2.25 lb (57 mm)	8.13 lb (207 mm)	3.11 lb (79 mm)	5.25 lb (133 mm)	5.75 lb (146 mm)	4.81 lb (122 mm)	65 lb (30 mm)	G-2140 55T
120,000 lb (60,000 kg)	50 lb (20 kg)	10 lb (254 mm)	27.75 lb (705 mm)	2.31 lb (58.4 mm)	7.25 lb (184.2 mm)	3 lb (76.2 mm)	2.50 lb (64 mm)	5.75 lb (146.1 mm)	5.87 lb (149.1 mm)	57 lb (26 mm)	G-2140 55T
180,000 lb (90,000 kg)	100 lb (50 kg)	10.50 lb (267 mm)	34.25 lb (870 mm)	2.81 lb (71.4 mm)	7.75 lb (197 mm)	3.75 lb (95.3 mm)	3 lb (76.2 mm)	7.25 lb (184.2 mm)	8.50 lb (216 mm)	79 lb (36 mm)	G-2140 85T
260,000 lb (130,000 kg)	100 lb (50 kg)	11 lb (279 mm)	40.25 lb (1022.4 mm)	3.31 lb (84.1 mm)	8 lb (203.2 mm)	4.60 lb (117 mm)	3.60 lb (91.4 mm)	7.88 lb (200.2 mm)	11.13 lb (283 mm)	100 lb (45 mm)	G-2140 120T
380,000 lb (190,000 kg)	200 lb (100 kg)	12.50 lb (318 mm)	45.75 lb (1162 mm)	4.31 lb (109.5 mm)	9 lb (229 mm)	5.13 lb (130.3 mm)	4.38 lb (111.3 mm)	10 lb (254 mm)	11.88 lb (302 mm)	169 lb (77 mm)	G-2140 175T
550,000 lb (275,000 kg)	200 lb (100 kg)	17 lb (432 mm)	62 lb (1575 mm)	5.06 lb (129 mm)	9.75 lb (248 mm)	8 lb (203.2 mm)	6 lb (152.4 mm)	13 lb (330.2 mm)	17 lb (432 mm)	336 lb (152 mm)	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

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