

MSI-7300 DYNA-LINK 2

DIGITAL TENSION
DYNAMOMETER



COMPATIBLE WITH:



MSI-8000 HD RF Remote Display



MSI-8000 RF Remote Display



MSI RF Scoreboard



**Measurement Systems
International™**

A RICE LAKE WEIGHING SYSTEMS COMPANY

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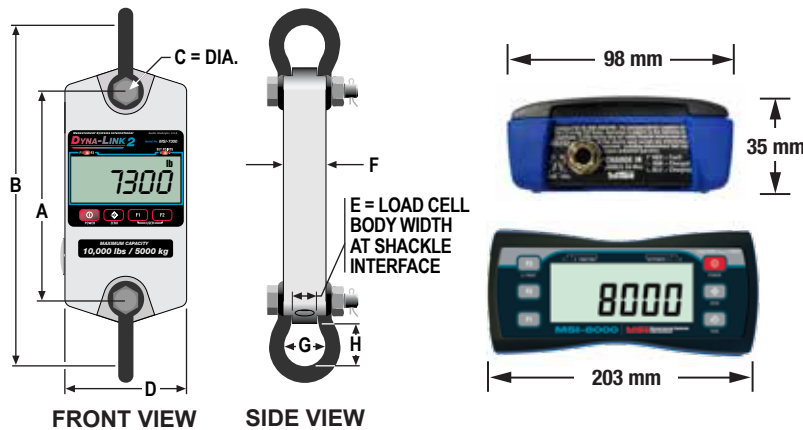
DIGITAL TENSION DYNAMOMETER

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 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.



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 25,000–100,000 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
- 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)

MSI-8000 RF Remote Display Features

Functions:	On/Off, Zero, Tare, Peak Hold, Units, Total, High Res, Net/Gross, Print, Test
Display:	Six-digit, 1.00 in (25.4 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 (30m) typical
Enclosure:	Industrial grade NEMA 4/IP65
Output:	Serial RS-232

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-2140CT 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-2140CT 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-2140CT 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-2140CT 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-2140CT 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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