

MSI-7300 **DYNA-LINK 2**

High Quality Tension Dynamometers from Measurement Systems International



Manufacturing quality load monitoring equipment for over three decades.

MSI proudly introduces the MSI-7300, the all-new generation “Dyna-Link” digital tension dynamometer. Since 1992, Dyna-Link has been a worldwide trusted industry standard tool among test engineers, crane operators, riggers, surveyors and staging professionals. Like its predecessor MSI-7200, the MSI-7300 provides a rich feature set satisfying

nearly all load tension monitoring applications, plus much more.

Through design incorporation of the MSI “ScaleCore”, a highly integrated weight-processing unit with 24-bit A/D conversion, the new generation Dyna-Link provides many new and improved product performance features. MSI-7300 features a large 5 digit 1.22 inch (31 mm) liquid crystal display extending operator viewing distance along with enhanced resolution settings up to 5,000 divisions with precision accuracy across a wide range of available capacities. Optimum digital processing with low power consumption provides up to 200 hours operation from standard flashlight batteries in typical use. In addition, ScaleCore features flash memory for easy software updates with ability to save and restore calibration and operational settings.

Enhanced product portability and installation, the MSI-7300 is constructed of high-grade aircraft quality aluminum achieving optimum strength to weight ratios. Although the new Dyna-Link is lighter than its predecessor, 200% safe and 500% ultimate overload ratings are maintained. An anodized product finish and integrated gaskets ensure an environmentally sound protection

equal with NEMA 4 and IP 65 ratings. All Dyna-Link capacities are designed to interface with industry standard Crosby shackles.

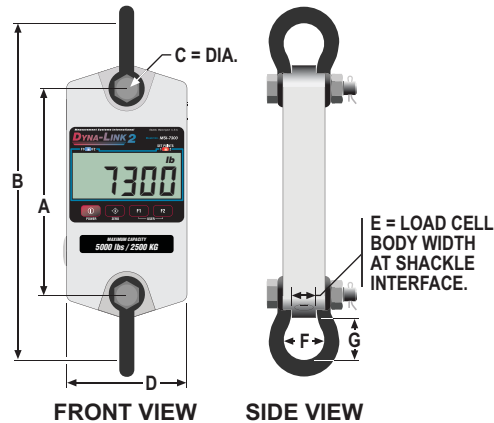
A large cache of available options and accessories ensure Dyna-Link’s suitability with nearly all imaginable tension loading and monitoring applications.

Since 1977, MSI has been a world-renowned leader in design and manufacture of overhead weighing and load monitoring instrumentation. MSI products are sold and serviced by a worldwide network of factory-authorized dealers and backed by a full warranty. Please contact us for thorough application review and a dealer nearest you.

Dyna-Link is a world renowned industry tool for accurate and reliable tension load monitoring used daily by testing, rigging, linemen and staging professionals.



MSI-7300 Dyna-Link 2 Specifications and Dimensions



Capacity	Resolution	A	B	C	D	E	F	G	Approximate 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	1.69 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	1.69 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	1.69 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	2.28 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	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	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	5.75 in 146 mm	4.81 in 122 mm	65 lb 30 kg	G-2140 55T

Consult factory for higher capacities from 80 to 250 tons

Standard Product Specifications

Accuracy: 0.1% of rated capacity
Display: Five digit 1.22 inch (31 mm) LCD
Functions: On/Off, Zero, Hi-Speed Peak Hold, Set Points (2 selectable), Total, Tare, Auto-Off, Motion Filter
LED Annunciators: Function 1, Function 2, Set Point 1, Set Point 2
LCD Annunciators: Net, Center of Zero, Motion, Battery Test, Peak Hold, Total
Displayable Units: Pounds, Kilograms, Kilonewtons, Tons, Metric Tons
Data Output: Serial RS-232

Operating Time: Up to 200 hours during typical use with "C" and 500 hours in "D" size alkaline battery configuration
Power: 2 each "C" alkaline batteries for capacities up to 10,000 lb.
 2 each "D" alkaline batteries for capacities 25,000 - 100,000 lb.
Operating Temperature: -40° to 158°F (-40° to +70°C)
Material: 2024 Aircraft Grade Aluminum
Enclosure: NEMA 4 / IP65, anodized corrosion resistant finish
Overload: 200% Safe / 500% Ultimate
Calibration: Digital

Options and Accessories

- Enhanced Display Resolution (5000 d)
- Audible Set Point Alarm
- Crosby Top and Bottom Shackles (Standard and Oversized)
- Portable Transport Case
- Heavy Capacity Configurations (80 to 250+ tons)
- Serial I/O Cable (RS-232)



Specifications subject to change without notice.
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"We weigh quality first"

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