

# MSI-7300 DYNA-LINK 2

DIGITAL TENSION  
DYNAMOMETER



COMPATIBLE WITH:



MSI-8000 RF Remote Display



**Measurement Systems  
International™**

A RICE LAKE WEIGHING SYSTEMS COMPANY

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# MSI-7300 DYNA-LINK 2

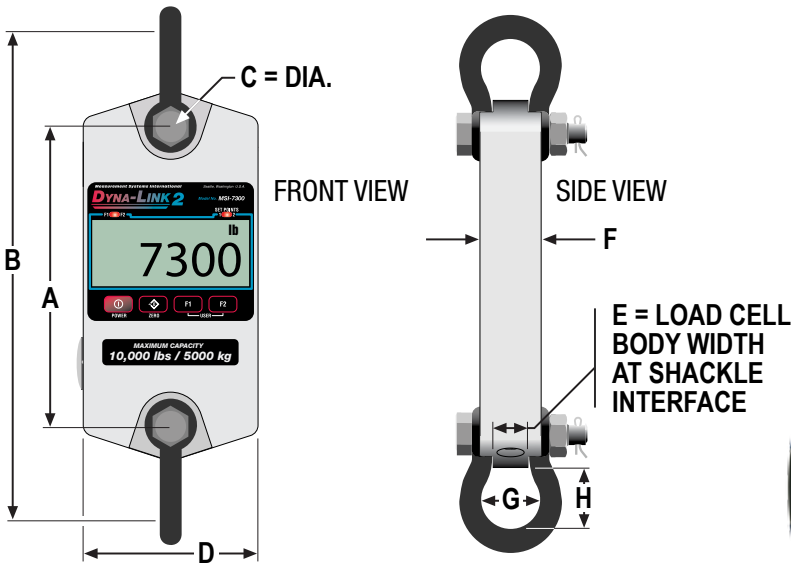
DIGITAL TENSION DYNAMOMETER

## 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 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.



### Specifications

|                           |  |
|---------------------------|--|
| <b>Accuracy:</b>          | 0.1% of rated capacity   |
| <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>           | Five-digit, 1.22 in (31 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<br>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.<br>Less with optional RF modem link installed |

|                               |                               |
|-------------------------------|-------------------------------|
| <b>Operating Temperature:</b> | -4°F to 130°F (-20°C to 54°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 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

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



| Capacity                 | Resolution       | A                 | B                  | C                | D                 | E                | F                  | G                 | H                  | Shipping Weight without Shackles | Optional Crosby Shackles |
|--------------------------|------------------|-------------------|--------------------|------------------|-------------------|------------------|--------------------|-------------------|--------------------|----------------------------------|--------------------------|
| 1,000 lb<br>500 kg       | 0.5 lb<br>0.2 kg | 8.0 in<br>203 mm  | 13.53 in<br>344 mm | 0.75 in<br>19 mm | 5 in<br>127 mm    | 0.99 in<br>25 mm | 1.75 in<br>44.5 mm | 1.69 in<br>43 mm  | 1.75 in<br>44.4 mm | 8 lb<br>3.6 kg                   | G-2130 3.25T             |
| 2500 lb<br>1250 kg       | 1 lb<br>0.5 kg   | 8.5 in<br>216 mm  | 14.03 in<br>356 mm | 0.75 in<br>19 mm | 5 in<br>127 mm    | 0.99 in<br>25 mm | 1.75 in<br>44.5 mm | 1.69 in<br>43 mm  | 1.75 in<br>44.4 mm | 9 lb<br>4.0 kg                   | G-2130 3.25T             |
| 5,000 lb<br>2,500 kg     | 2 lb<br>1 kg     | 8.5 in<br>216 mm  | 14.03 in<br>356 mm | 0.75 in<br>19 mm | 5 in<br>127 mm    | 0.99 in<br>25 mm | 1.75 in<br>44.5 mm | 1.69 in<br>43 mm  | 1.75 in<br>44.4 mm | 9 lb<br>4.0 kg                   | G-2130 3.25T             |
| 10,000 lb<br>5,000 kg    | 5 lb<br>2 kg     | 8.5 in<br>216 mm  | 16.14 in<br>410 mm | 1 in<br>25 mm    | 5.50 in<br>140 mm | 1.35 in<br>34 mm | 2.00 in<br>51 mm   | 2.28 in<br>58 mm  | 2.34 in<br>59.4 mm | 11 lb<br>5.0 kg                  | G-2130 6.5T              |
| 25,000 lb<br>12,500 kg   | 10 lb<br>5 kg    | 9.5 in<br>241 mm  | 22.66 in<br>576 mm | 1.63 in<br>41 mm | 6.38 in<br>162 mm | 2.24 in<br>57 mm | 2.50 in<br>63.5 mm | 3.88 in<br>99 mm  | 4.69 in<br>119 mm  | 19 lb<br>8.6 kg                  | G-2130 17T               |
| 50,000 lb*<br>25,000 kg  | 20 lb<br>10 kg   | 9.63 in<br>245 mm | 25.67 in<br>652 mm | 2 in<br>51 mm    | 7.50 in<br>191 mm | 2.74 in<br>70 mm | 3.25 in<br>82.5 mm | 5.00 in<br>127 mm | 5.75 in<br>146 mm  | 29 lb<br>13 kg                   | G-2130 25T               |
| 100,000 lb*<br>50,000 kg | 50 lb<br>20 kg   | 12 in<br>305 mm   | 29.75 in<br>756 mm | 2.25 in<br>57 mm | 8.13 in<br>207 mm | 3.11 in<br>79 mm | 5.25 in<br>133 mm  | 5.75 in<br>146 mm | 4.81 in<br>122 mm  | 65 lb<br>30 kg                   | 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.

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