

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. Longrange 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. Will NOT work with any MSI Remote Displays



**Capacity x Readability**  
 120000 lb x 50 lb

**Manufacture:** MSI  
**SKU:** 176827  
**Dimensions**  
 X: 28.70 Y: 9.00 Z: 14.00

**Please Call**  
**(800)832-0055**

## Features

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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.

Industrys most advanced digital tension dynamometer, the new and improved MSI-7300, provides even more features and benefits than earlier dynamometer models. The new Dyna-Link 2 offers a lightweight, portable design for better handling, and superior viewing with its large 1.2 inch display. Choose from capacities ranging from 0.5 to 300 tons.

### Standard Features

- Five-digit 1.22 in. (31 mm) LCD display
- NEMA4/IP65 enclosure for use in all environments
- 200% safe loading, 500% ultimate loading integrity
- Crosby compatible shackle interface
- Multi-feature programming and I/O connectivity
- Two each "C" alkaline batteries for capacities up to 10,000 lb (5,000 kg)
- Two each "D" batteries for capacities 25,000 lb (12,500 kg) and above
- Meets or exceeds OSHA, ANSI, ASME and other safety design standards (7:1 Ultimate Safety Factor)

### 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)

## Specifications

| Standard models                    | 502967-0001   | 502967-0002   | 502967-0003   | 502967-0004     | 502967-0005      | 502967-0006    | 502967-0007     | -                              | -                              | -                              | -                              | -                              |
|------------------------------------|---------------|---------------|---------------|-----------------|------------------|----------------|-----------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| models with wireless connectivity  | 503381-0001   | 503381-0002   | 503381-0003   | 503381-0004     | 503381-0005      | 503381-0006    | 503381-0007     | 159168<br>MSI-8000<br>Included | 159169<br>MSI-8000<br>Included | 159170<br>MSI-8000<br>Included | 159171<br>MSI-8000<br>Included | 159172<br>MSI-8000<br>Included |
| models with Build-In Bluetooth® RF | 176806        | 176807        | 176808        | 176809          | 176810           | 176811         | 176812          | 176822                         | 176823                         | 176824                         | 176825                         | 176826                         |
| models with Build-In Wi-Fi RF      | 176813        | 176814        | 176815        | 176816          | 176817           | 176818         | 176819          | 176827                         | 176828                         | 176829                         | 176830                         | 176831                         |
| Capacity x Readability             | 1000 x 0.5 lb | 2500 x 1.0 lb | 5000 x 2.0 lb | 10,000 x 5.0 lb | 25,000 x 10.0 lb | 50,000 x 20 lb | 100,000 x 50 lb | 120,000 x 50 lb                | 180,000 x 100 lb               | 260,000 x 100 lb               | 380,000 x 200 lb               | 550,000 x 200 lb               |

| Readability                                       | 500 x 0.2 kg                                                                                                                          | 1250 x 0.5 kg | 2500 x 1.0 kg | 5000 x 2.0 kg | 12,500 x 5.0 kg | 25,000 x 10 kg | 50,000 x 20 kg | 60,000 x 20 kg | 90,000 x 50 kg            | 130,000 x 50 kg | 190,000 x 100 kg | 275,000 x 100 kg |                           |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-----------------|----------------|----------------|----------------|---------------------------|-----------------|------------------|------------------|---------------------------|
| 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)                                                                                       |               |               |               |                 |                |                |                | 200% Safe / 500% Ultimate |                 |                  |                  | 200% Safe / 440% Ultimate |
| 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                                                                                     |               |               |               |                 |                |                |                |                           |                 |                  |                  |                           |
| Pounds, Kilograms, Kilonewtons, Tons, Metric Tons | Function 1, Function 2, Setpoint 1, Setpoint 2                                                                                        |               |               |               |                 |                |                |                |                           |                 |                  |                  |                           |
| LCD Annunciators                                  | LCD Annunciators                                                                                                                      |               |               |               |                 |                |                |                |                           |                 |                  |                  |                           |
| Operating Time                                    | 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 Temperature                             | From 150 to 300 hours in typical use depending on unit capacity and battery configuration. Less with optional RF modem link installed |               |               |               |                 |                |                |                |                           |                 |                  |                  |                           |
| Calibration                                       | -4°F to 130°F (-20°C to 54°C)                                                                                                         |               |               |               |                 |                |                |                |                           |                 |                  |                  |                           |
| Filtering                                         | Digital                                                                                                                               |               |               |               |                 |                |                |                |                           |                 |                  |                  |                           |
| Data Output                                       | OFF, LO, HI selectable                                                                                                                |               |               |               |                 |                |                |                |                           |                 |                  |                  |                           |
|                                                   | Serial RS-232                                                                                                                         |               |               |               |                 |                |                |                |                           |                 |                  |                  |                           |

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