

MSI-7300 Dyna-Link 2

Digital Tension Dynamometer



Optional rugged remote

Standard Features

- Tension dynamometer with six-digit, 1.00 in (25.4 mm) LCD display
- Two C alkaline batteries for capacities up to 10,000 lb (5,000 kg)
- Two D alkaline batteries for capacities 25,000 lb (12,500 kg) and above

Additional Options

(Contact MSI for application consultation)

- Crosby® top and bottom shackles
- Portable transport case
- Serial output cable
- Rugged remote control (control for Off, Zero, Tare and other functions)
- RF modem install for connectivity to MSI-8000, MSI-8000HD RF, MSI-8004HD RF remote display (100 ft line of sight)
- Heavy capacity configurations (60 to 275 Ton)
- Audible alarm
- Wi-Fi or Bluetooth® communications (additional use with MSI-ScaleCore Connect (available for download at Google Playstore))
- Potential receivers: MSI-8000, MSI-8000HD RF, MSI-8004HD RF, TranSend, LaserLight 2

Options/Accessories

Part #	MSI Part #	Description	Est. Weight	Price
151357	10541	Shackle anchor, bolt type 3.25 ton for 500 lb-5,000 lb unit	3 lb (1.4 kg)/pair	Consult
151355	10538	Shackle anchor, bolt type 6.5 ton for 10,000 lb unit	6 lb (2.7 kg)/pair	Consult
141992	10539	Shackle anchor, bolt type 17 ton for 25,000 lb unit	39 lb (17.7 kg)/pair	Consult
151356	10540	Shackle anchor, bolt type 25 ton for 50,000 lb unit	63 lb (28.6 kg)/pair	Consult
146336	23650-0050	Shackle anchor, bolt type 55 ton for 100,000 lb unit	180 lb (82 kg)/pair	Consult
151359	N/A	Shackle anchor, bolt type 85 ton for 180,000 lb unit	206 lb (93 kg)/pair	Consult
151360	N/A	Shackle anchor, bolt type 120 ton for 260,000 lb unit	225 lb (102 kg)/pair	Consult
151361	N/A	Shackle anchor, bolt type 175 ton for 380,000 lb unit	665 lb (590 kg)/pair	Consult
151358	N/A	Shackle anchor, bolt type 250 ton for 550,000 lb unit	1,300 lb (318 kg)/pair	Consult
139381	503208-0001	MSI-8000 RF remote display (requires MSI-7300 equipped with optional RF modem)	5 lb (2.25 kg)	Consult
153591	N/A	MSI-8000HD RF remote display, A/C powered with tilt stand	5 lb (2.25 kg)	Consult
139483	503438-0001	Light duty transport case for 500 lb-10,000 lb capacity units	N/A	Consult
165313	N/A	Heavy duty pelican transport case with precision cut Heavy duty foam for 500 lb-10,000 lb capacity units	N/A	Consult
145076	14317	Transport case for 25,000 lb and 50,000 lb capacity unit	N/A	Consult
145073	14311	Transport case for 100,000 lb capacity unit	N/A	Consult
139470	503414-0002	RS-232 serial cable for MSI-7300	1 lb (0.45 kg)	Consult
178004	N/A	LaserLight 2 (4 in with RF)	21 lb (10 kg)	Consult
178006	N/A	LaserLight 2 (6 in with RF)	37 lb (17 kg)	Consult
149549	503486-0001	Universal 115/ 230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000 remote display	3 lb (1.4 kg)	Consult
182223		12V car charger adapter for MSI-8000	1 lb	Consult

Specifications

Accuracy:

- 0.1% FS of rated capacity (up to 50 ton)
- 0.5% FS of rated capacity (50 ton and above)

Enclosure:

NEMA Type 4, IP65, anodized corrosion-resistant finish

Material:

2024 aircraft grade aluminum
Capacities above 100 K have zinc plated enclosures and 4340 load cell bodies

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:

Six-digit, 1.00 in (25.4 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 C alkaline batteries for capacities up to 10,000 lb two D alkaline batteries for capacities 25,000 lb–100,000 lb

Operating Time:

From 150 to 300 hours in typical use depending on unit capacity and battery configuration. Approximately 25 to 30 hours with optional RF modem link installed.

Operating Temperature:

- 40°F to 122°F (Industrial)

Calibration:

Digital

Filtering:

OFF, LO, HI selectable

Data Output:

Serial RS-232

Warranty:

Two-year limited warranty

Options/Accessories

Part #	MSI Part #	Description	Est. Weight	Price
173014		Rugged remote control	N/A	Consult
150964	503489-0001	RS-232 13 ft (4 m) serial cable for MSI-8000	1 lb (0.45 kg)	Consult
139438	N/A	Audible set point	N/A	Consult
149550	503486-0002	Battery charger for MSI-8000 EC plug	N/A	Consult

Part Number/Price

Part #	MSI Part #	Description	Capacity	Resolution	Est. Weight	Price
139162	502967-0001	MSI-7300 1,000 lb F/A	1,000 lb (500 kg)	0.5 lb (0.2 kg)	8 lb (3.6 kg)	Consult
139163	502967-0002	MSI-7300 2,500 lb F/A	2,500 lb (1,250 kg)	1 lb (0.5 kg)	9 lb (4.0 kg)	Consult
139164	502967-0003	MSI-7300 5,000 lb F/A	5,000 lb (2,500 kg)	2 lb (1.0 kg)	9 lb (4.0 kg)	Consult
139165	502967-0004	MSI-7300 10,000 lb F/A	10,000 lb (5,000 kg)	5 lb (2.0 kg)	11 lb (5.0 kg)	Consult
139166	502967-0005	MSI-7300 25,000 lb F/A	25,000 lb (12,500 kg)	10 lb (5 kg)	19 lb (8.6 kg)	Consult
139167	502967-0006	MSI-7300 50,000 lb F/A	50,000 lb (25,000 kg)	20 lb (10 kg)	29 lb (13 kg)	Consult
139168*	502967-0007	MSI-7300 100,000 lb F/A	100,000 lb (50,000 kg)	50 lb (20 kg)	65 lb (30 kg)	Consult
Optional Configurations (for connectivity to MSI-8000 RF Remote Display) F/A						
139441	503381-0001	MSI-7300 RF module	1,000 lb (500 kg)	0.5 lb (.2 kg)	8 lb (3.6 kg)	Consult
139442	503381-0002	MSI-7300 RF module	2,500 lb (1,250 kg)	1 lb (.5 kg)	9 lb (4 kg)	Consult
139443	503381-0003	MSI-7300 RF module	5,000 lb (2,500 kg)	2 lb (1 kg)	9 lb (4 kg)	Consult
139444	503381-0004	MSI-7300 RF module	10,000 lb (5,000 kg)	5 lb (2 kg)	11 lb (5 kg)	Consult
139445	503381-0005	MSI-7300 RF module	25,000 lb (12,500 kg)	10 lb (5 kg)	19 lb (8.6 kg)	Consult
139446	503381-0006	MSI-7300 RF module	50,000 lb (25,000 kg)	20 lb (10 kg)	29 lb (13 kg)	Consult
139447*	503381-0007	MSI-7300 RF module	100,000 lb (50,000 kg)	50 lb (20 kg)	65 lb (30 kg)	Consult
159168*	N/A	MSI-7300 RF module	120,000 lb (60,000 kg)	50 lb (20 kg)	57 lb (26 kg)	Consult
159169*	N/A	MSI-7300 RF module	180,000 lb (90,000 kg)	100 lb (50 kg)	74 lb (36 kg)	Consult
159170*	N/A	MSI-7300 RF module	260,000 lb (130,000 kg)	100 lb (50 kg)	100 lb (45 kg)	Consult
159171*	N/A	MSI-7300 RF module	380,000 lb (190,000 kg)	200 lb (100 kg)	169 lb (77 kg)	Consult
159172**	N/A	MSI-7300 RF module	550,000 lb (275,000 kg)	200 lb (100 kg)	336 lb (152 kg)	Consult
176806	N/A	MSI-7300 1,000 lb F/A with Bluetooth® RF	1,000 lb (500 kg)	0.5 lb (0.2 kg)	8 lb (3.6 kg)	Consult
176807	N/A	MSI-7300 2,500 lb F/A with Bluetooth® RF	2,500 lb (1,250 kg)	1 lb (0.5 kg)	9 lb (4.0 kg)	Consult
176808	N/A	MSI-7300 5,000 lb F/A with Bluetooth® RF	5,000 lb (2,500 kg)	2 lb (1.0 kg)	9 lb (4.0 kg)	Consult
176809	N/A	MSI-7300 10,000 lb F/A with Bluetooth® RF	10,000 lb (5,000 kg)	5 lb (2.0 kg)	11 lb (5.0 kg)	Consult
176810	N/A	MSI-7300 25,000 lb F/A with Bluetooth® RF	25,000 lb (12,500 kg)	10 lb (5 kg)	19 lb (8.6 kg)	Consult
176811	N/A	MSI-7300 50,000 lb F/A with Bluetooth® RF	50,000 lb (25,000 kg)	20 lb (10 kg)	29 lb (13 kg)	Consult
176812	N/A	MSI-7300 100,000 lb F/A with Bluetooth® RF	100,000 lb (50,000 kg)	50 lb (20 kg)	65 lb (30 kg)	Consult
176813	N/A	MSI-7300 1,000 lb F/A with Wi-Fi RF	1,000 lb (500 kg)	0.5 lb (0.2 kg)	8 lb (3.6 kg)	Consult
176814	N/A	MSI-7300 2,500 lb F/A with Wi-Fi RF	2,500 lb (1,250 kg)	1 lb (0.5 kg)	9 lb (4.0 kg)	Consult
176815	N/A	MSI-7300 5,000 lb F/A with Wi-Fi RF	5,000 lb (2,500 kg)	2 lb (1.0 kg)	9 lb (4.0 kg)	Consult
176816	N/A	MSI-7300 10,000 lb F/A with Wi-Fi RF	10,000 lb (5,000 kg)	5 lb (2.0 kg)	11 lb (5.0 kg)	Consult
176817	N/A	MSI-7300 25,000 lb F/A with Wi-Fi RF	25,000 lb (12,500 kg)	10 lb (5 kg)	19 lb (8.6 kg)	Consult
176818	N/A	MSI-7300 50,000 lb F/A with Wi-Fi RF	50,000 lb (25,000 kg)	20 lb (10 kg)	29 lb (13 kg)	Consult
176819	N/A	MSI-7300 100,000 lb F/A with Wi-Fi RF	100,000 lb (50,000 kg)	50 lb (20 kg)	65 lb (30 kg)	Consult
176822*	N/A	MSI-7300 120,000 lb F/A with Bluetooth® RF	120,000 lb (60,000 kg)	50 lb (20 kg)	57 lb (26 kg)	Consult
176823	N/A	MSI-7300 180,000 lb F/A with Bluetooth® RF	180,000 lb (90,000 kg)	100 lb (50 kg)	74 lb (36 kg)	Consult
176824	N/A	MSI-7300 260,000 lb F/A with Bluetooth® RF	260,000 lb (130,000 kg)	100 lb (50 kg)	100 lb (45 kg)	Consult
176825	N/A	MSI-7300 380,000 lb F/A with Bluetooth® RF	380,000 lb (190,000 kg)	200 lb (100 kg)	169 lb (77 kg)	Consult
176826**	N/A	MSI-7300 550,000 lb F/A with Bluetooth® RF	550,000 lb (275,000 kg)	200 lb (100 kg)	336 lb (152 kg)	Consult
176827	N/A	MSI-7300 120,000 lb F/A with Wi-Fi RF	120,000 lb (60,000 kg)	50 lb (20 kg)	57 lb (26 kg)	Consult
176828	N/A	MSI-7300 180,000 lb F/A with Wi-Fi RF	180,000 lb (90,000 kg)	100 lb (50 kg)	74 lb (36 kg)	Consult
176829	N/A	MSI-7300 260,000 lb F/A with Wi-Fi RF	260,000 lb (130,000 kg)	100 lb (50 kg)	100 lb (45 kg)	Consult
176830	N/A	MSI-7300 380,000 lb F/A with Wi-Fi RF	380,000 lb (190,000 kg)	200 lb (100 kg)	169 lb (77 kg)	Consult
176831	N/A	MSI-7300 550,000 lb F/A with Wi-Fi RF	550,000 lb (275,000 kg)	200 lb (100 kg)	336 lb (152 kg)	Consult

* 500% Ultimate overload

** 440% Ultimate overload