

MSI-7300 Dyna-Link 2

Digital Tension Dynamometer



Shown with optional shackles

Standard Features

- Tension dynamometer with 6-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

Options

(Contact MSI for application consultation)

- Crosby® top and bottom shackles
- Portable transport case
- Serial output cable
- Rugged remote control (control for On/Off, Zero, Tare and other functions)
- RF modem install for connectivity to MSI-8000, MSI-8000HD RF, MSI-8004HD RF remote display and TranSend. Typically 100 ft – 300 ft, line of sight, for longer range consult factory
- Heavy capacity configurations (60 to 275 Ton)
- Audible alarm
- Wi-Fi or Bluetooth® communications are available for specialty applications

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	Consult
139163	502967-0002	MSI-7300 2,500 lb F/A	2,500 lb (1,250 kg)	1 lb (0.5 kg)	9 lb	Consult
139164	502967-0003	MSI-7300 5,000 lb F/A	5,000 lb (2,500 kg)	2 lb (1.0 kg)	9 lb	Consult
139165	502967-0004	MSI-7300 10,000 lb F/A	10,000 lb (5,000 kg)	5 lb (2.0 kg)	11 lb	Consult
139166	502967-0005	MSI-7300 25,000 lb F/A	25,000 lb (12,500 kg)	10 lb (5 kg)	19 lb	Consult
139167	502967-0006	MSI-7300 50,000 lb F/A	50,000 lb (25,000 kg)	20 lb (10 kg)	29 lb	Consult
139168*	502967-0007	MSI-7300 100,000 lb F/A	100,000 lb (50,000 kg)	50 lb (20 kg)	65 lb	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 (0.2 kg)	8 lb	Consult
139442	503381-0002	MSI-7300 RF module	2,500 lb (1,250 kg)	1 lb (0.5 kg)	9 lb	Consult
139443	503381-0003	MSI-7300 RF module	5,000 lb (2,500 kg)	2 lb (1 kg)	9 lb	Consult
139444	503381-0004	MSI-7300 RF module	10,000 lb (5,000 kg)	5 lb (2 kg)	11 lb	Consult
139445	503381-0005	MSI-7300 RF module	25,000 lb (12,500 kg)	10 lb (5 kg)	19 lb	Consult
139446	503381-0006	MSI-7300 RF module	50,000 lb (25,000 kg)	20 lb (10 kg)	29 lb	Consult
139447*	503381-0007	MSI-7300 RF module	100,000 lb (50,000 kg)	50 lb (20 kg)	65 lb	Consult
159168*	N/A	MSI-7300 RF module includes MSI-8000	120,000 lb (60,000 kg)	50 lb (20 kg)	57 lb	Consult
159169*	N/A	MSI-7300 RF module includes MSI-8000	180,000 lb (90,000 kg)	100 lb (50 kg)	74 lb	Consult
159170*	N/A	MSI-7300 RF module includes MSI-8000	260,000 lb (130,000 kg)	100 lb (50 kg)	100 lb	Consult
159171*	N/A	MSI-7300 RF module includes MSI-8000	380,000 lb (190,000 kg)	200 lb (100 kg)	169 lb	Consult
159172**	N/A	MSI-7300 RF module includes MSI-8000	550,000 lb (275,000 kg)	200 lb (100 kg)	336 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:

- 6 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 each C alkaline batteries for capacities up to 10,000 lb two each 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:

- -4°F to 140°F (-20°C to 60°C)

Calibration:

- Digital

Filtering:

- OFF, LO, HI selectable

Data Output:

- Serial RS-232

Warranty:

- Two-year limited

MSI-7300 Dyna-Link 2

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Part Number/Price

Part #	MSI Part #	Description	Capacity	Resolution	Est. Weight	Price
MSI-7300 Dyna-Link 2 with Bluetooth®						
176806	N/A	MSI-7300 1,000 lb F/A with Bluetooth® ***	1,000 lb (500 kg)	0.5 lb (0.2 kg)	8 lb	Consult
176807	N/A	MSI-7300 2,500 lb F/A with Bluetooth® ***	2,500 lb (1,250 kg)	1 lb (0.5 kg)	9 lb	Consult
176808	N/A	MSI-7300 5,000 lb F/A with Bluetooth® ***	5,000 lb (2,500 kg)	2 lb (1.0 kg)	9 lb	Consult
176809	N/A	MSI-7300 10,000 lb F/A with Bluetooth® ***	10,000 lb (5,000 kg)	5 lb (2.0 kg)	11 lb	Consult
176810	N/A	MSI-7300 25,000 lb F/A with Bluetooth® ***	25,000 lb (12,500 kg)	10 lb (5 kg)	19 lb	Consult
176811	N/A	MSI-7300 50,000 lb F/A with Bluetooth® ***	50,000 lb (25,000 kg)	20 lb (10 kg)	29 lb	Consult
176812	N/A	MSI-7300 100,000 lb F/A with Bluetooth® ***	100,000 lb (50,000 kg)	50 lb (20 kg)	65 lb	Consult
176822*	N/A	MSI-7300 120,000 lb F/A with Bluetooth® ***	120,000 lb (60,000 kg)	50 lb (20 kg)	57 lb	Consult
176823	N/A	MSI-7300 180,000 lb F/A with Bluetooth® ***	180,000 lb (90,000 kg)	100 lb (50 kg)	74 lb	Consult
176824	N/A	MSI-7300 260,000 lb F/A with Bluetooth® ***	260,000 lb (130,000 kg)	100 lb (50 kg)	100 lb	Consult
176825	N/A	MSI-7300 380,000 lb F/A with Bluetooth® ***	380,000 lb (190,000 kg)	200 lb (100 kg)	169 lb	Consult
176826**	N/A	MSI-7300 550,000 lb F/A with Bluetooth® ***	550,000 lb (275,000 kg)	200 lb (100 kg)	336 lb	Consult
MSI-7300 Dyna-Link 2 Wi-Fi						
176813	N/A	MSI-7300 1,000 lb F/A with Wi-Fi	1,000 lb (500 kg)	0.5 lb (0.2 kg)	8 lb	Consult
176814	N/A	MSI-7300 2,500 lb F/A with Wi-Fi	2,500 lb (1,250 kg)	1 lb (0.5 kg)	9 lb	Consult
176815	N/A	MSI-7300 5,000 lb F/A with Wi-Fi	5,000 lb (2,500 kg)	2 lb (1.0 kg)	9 lb	Consult
176816	N/A	MSI-7300 10,000 lb F/A with Wi-Fi	10,000 lb (5,000 kg)	5 lb (2.0 kg)	11 lb	Consult
176817	N/A	MSI-7300 25,000 lb F/A with Wi-Fi	25,000 lb (12,500 kg)	10 lb (5 kg)	19 lb	Consult
176818	N/A	MSI-7300 50,000 lb F/A with Wi-Fi	50,000 lb (25,000 kg)	20 lb (10 kg)	29 lb	Consult
176819	N/A	MSI-7300 100,000 lb F/A with Wi-Fi	100,000 lb (50,000 kg)	50 lb (20 kg)	65 lb	Consult
176827	N/A	MSI-7300 120,000 lb F/A with Wi-Fi	120,000 lb (60,000 kg)	50 lb (20 kg)	57 lb	Consult
176828	N/A	MSI-7300 180,000 lb F/A with Wi-Fi	180,000 lb (90,000 kg)	100 lb (50 kg)	74 lb	Consult
176829	N/A	MSI-7300 260,000 lb F/A with Wi-Fi	260,000 lb (130,000 kg)	100 lb (50 kg)	100 lb	Consult
176830	N/A	MSI-7300 380,000 lb F/A with Wi-Fi	380,000 lb (190,000 kg)	200 lb (100 kg)	169 lb	Consult
176831	N/A	MSI-7300 550,000 lb F/A with Wi-Fi	550,000 lb (275,000 kg)	200 lb (100 kg)	336 lb	Consult

* 500% Ultimate overload

** 440% Ultimate overload

*** Bluetooth modems only work with certain Android devices. Please contact MSI for potential applications.

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/pair	Consult
151355	10538	Shackle anchor, bolt type 6.5 ton for 10,000 lb unit	6 lb/pair	Consult
141992	10539	Shackle anchor, bolt type 17 ton for 25,000 lb unit	39 lb/pair	Consult
151356	10540	Shackle anchor, bolt type 25 ton for 50,000 lb unit	63 lb/pair	Consult
146336	23650-0050	Shackle anchor, bolt type 55 ton for 100,000 lb unit	103 lb	Consult
151359	N/A	Shackle anchor, bolt type 85 ton for 180,000 lb unit	206 lb/pair	Consult
151360	N/A	Shackle anchor, bolt type 120 ton for 260,000 lb unit	225 lb/pair	Consult
151361	N/A	Shackle anchor, bolt type 175 ton for 380,000 lb unit	665 lb/pair	Consult
151358	N/A	Shackle anchor, bolt type 250 ton for 550,000 lb unit	1,300 lb/pair	Consult
139381	503208-0001	MSI-8000 RF remote display (requires MSI-7300 equipped with optional RF modem)	5 lb	Consult
153591	N/A	MSI-8000HD RF remote display, A/C powered with tilt stand (requires MSI-7300 equipped with optional RF modem)	5 lb	Consult
165313	N/A	Heavy duty pelican transport case with precision cut; heavy duty foam for 500 lb-10,000 lb capacity units	10 lb	Consult
145076	14317	Transport crate for 25,000 lb and 50,000 lb capacity unit	35 lb	Consult
145073	14311	Transport crate for 100,000 lb capacity unit	42 lb	Consult
139470	503414-0002	RS-232 serial cable for MSI-7300	1 lb	Consult
178004	N/A	LaserLight2, 4 in (101 mm) six-digit RF scoreboard (requires MSI-7300 equipped with optional RF modem)	21 lb	Consult
178006	N/A	LaserLight2, 6 in (152 mm) six-digit RF scoreboard (requires MSI-7300 equipped with optional RF modem)	37 lb	Consult
149549	503486-0001	Universal 115/ 230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000 remote display	3 lb	Consult
182223	N/A	12V car charger adapter for MSI-8000	1 lb	Consult
173014	N/A	Rugged remote control (requires MSI-7300 equipped with optional RF modem)	-	Consult
150964	503489-0001	RS-232 13 ft (4 m) serial cable for MSI-8000	1 lb	Consult
139438	N/A	Audible setpoint	-	Consult
149550	503486-0002	Battery charger for MSI-8000 EC plug	-	Consult



Optional rugged remote