

MSI-7300 Dyna-Link 2 Digital Tension Dynamometer



STANDARD FEATURES

- Tension Dynamometer with five-digit 1.22 in (31 mm) LCD display
- 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

ADDITIONAL OPTIONS (Contact MSI for application consultation)

- Pair of Crosby® shackles
- Transport case
- RS-232 serial cable
- RF Modem for connectivity with MSI-8000 RF remote display
- MSI-8000 RF Remote Display RF 2.4 GHz–802.15.4, operating range 100 ft (30 m) typical
- Higher capacity designs available upon request

SPECIFICATIONS

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)

Functions:

On/Off, Zero, Hi-Speed Peak Hold, Setpoints, Total, Tare, Auto-Off, Motion Filter

Display:

5 digit, 1.22 in (31 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 25,000–100,000 lb

Operating Time:

From 150 to 300 hours in typical use depending on unit capacity and battery configuration. Less with optional RF Modem Link installed

Operating Temperature:

- 4°F to 130°F (-20°C to 54°C)

Calibration:

Digital

Filtering:

OFF, LO, HI selectable

Data Output:

Serial RS-232

Warranty:

One-year limited

MSI-7300 Dyna-Link 2 Digital Tension Dynamometer

PART NUMBER/PRICE

PART #	MSI PART #	DESCRIPTION	CAPACITY	RESOLUTION	EST. SHIP 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						
139441	503381-0001	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	1,000 lb / 500 kg	0.5 lb / .2 kg	8 lb / 3.6 kg	Consult
139442	503381-0002	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	2,500 lb / 1,250 kg	1 lb / .5 kg	9 lb / 4 kg	Consult
139443	503381-0003	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	5,000 lb / 2,500 kg	2 lb / 1 kg	9 lb / 4 kg	Consult
139444	503381-0004	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	10,000 lb / 5,000 kg	5 lb / 2 kg	11 lb / 5 kg	Consult
139445	503381-0005	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	25,000 lb / 12,500 kg	10 lb / 5 kg	19 lb / 8.6 kg	Consult
139446*	503381-0006	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	50,000 lb / 25,000 kg	20 lb / 10 kg	29 lb / 13 kg	Consult
139447*	503381-0007	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	100,000 lb / 50,000 kg	50 lb / 20 kg	65 lb / 30 kg	Consult
152794*	—	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	120,000 lb / 60,000 kg	50 lb / 20 kg	57 lb / 26 kg	Consult
152795*	—	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	180,000 lb / 90,000 kg	100 lb / 50 kg	79 lb / 36 kg	Consult
152796*	—	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	260,000 lb / 130,000 kg	100 lb / 50 kg	100 lb / 45 kg	Consult
152797*	—	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	380,000 lb / 190,000 kg	200 lb / 100 kg	169 lb / 77 kg	Consult
152798**	—	MSI-7300 RF module (for connectivity to MSI-8000 RF Remote Display) F/A	550,000 lb / 275,000 kg	200 lb / 100 kg	336 lb / 152 kg	Consult

OPTIONS/ACCESSORIES

PART #	MSI PART #	DESCRIPTION	EST. SHIP WEIGHT	PRICE
151357	10541	Shackle anchor, bolt type 3.25 ton for 500-5000 lb unit	3 lb / 1.4 kg	Consult
151355	10538	Shackle anchor, bolt type 6.5 ton for 10,000 lb unit	6 lb / 2.7 kg	Consult
141992	10539	Shackle anchor, bolt type 17 ton for 25,000 lb unit	39 lb / 17.7 kg	Consult
151356	10540	Shackle anchor, bolt type 25 ton for 50,000 lb unit	63 lb / 28.6 kg	Consult
146336	23650-0050	Shackle anchor, bolt type 55 ton for 100,000 lb unit	104 lb / 47 kg	Consult
83454	—	Shackle anchor, bolt type 85 ton for 180,000 lb unit	125 lb / 57 kg	Consult
83455	—	Shackle anchor, bolt type 120 ton for 260,000 lb unit	185 lb / 84 kg	Consult
83456	—	Shackle anchor, bolt type 175 ton for 380,000 lb unit	350 lb / 159 kg	Consult
83458	—	Shackle anchor, bolt type 250 ton for 550,000 lb unit	700 lb / 318 kg	Consult
139381	503208-0001	MSI-8000 RF Remote Display (requires MSI-7300 equipped with optional RF Modem)	5 lb / 2.25 kg	Consult
139483	503438-0001	Transport case for 500-10,000 lb capacity unit	N/A	Consult
145076	14317	Transport case for 25,000 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
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
150964	503489-0001	RS-232 13 ft (4 m) serial cable for MSI-8000	1 lb / 0.45 kg	Consult

* 500% Ultimate overload

** 440% Ultimate overload