

MSI-7300 Dyna-Link 2

Digital Tension Dynamometer

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:

Five-digit, 31 mm LCD

Displayable Units:

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 5.000 kg. Two each "D" alkaline batteries for capacities 10.000–50.000 kg

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:

-20° C to 60° C

Calibration:

Digital

Filtering:

OFF, LO, HI selectable

Data Output:

Serial RS-232

Warranty:

One-year limited warranty



Standard Features

- Tension dynamometer with five-digit, 31 mm LCD display
- Two each C alkaline batteries for capacities up to 5.000 kg
- Two each D batteries for capacities 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 or MSI-8000HD
- RF scoreboard
- Higher capacity designs available upon request

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Part Numbers

PART #	MSI PART #	DESCRIPTION	CAPACITY	RESOLUTION	EST. SHIP WEIGHT
139162	502967-0001	MSI-7300	500 kg	0,2 kg	3,6 kg
139163	502967-0002	MSI-7300	1.250 kg	0,5 kg	4,0 kg
139164	502967-0003	MSI-7300	2.500 kg	1,0 kg	4,0 kg
139165	502967-0004	MSI-7300	5.000 kg	2,0 kg	5,0 kg
139166	502967-0005	MSI-7300	12.500 kg	5 kg	8,6 kg
139167*	502967-0006	MSI-7300	25.000 kg	10 kg	13 kg
139168*	502967-0007	MSI-7300	50.000 kg	20 kg	30 kg
Optional Configurations					
139441	503381-0001	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	500 kg	0,2 kg	3,6 kg
139442	503381-0002	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	1.250 kg	0,5 kg	4 kg
139443	503381-0003	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	2.500 kg	1 kg	4 kg
139444	503381-0004	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	5.000 kg	2 kg	5 kg
139445	503381-0005	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	12.500 kg	5 kg	8,6 kg
139446*	503381-0006	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	25.000 kg	10 kg	13 kg
139447*	503381-0007	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	50.000 kg	20 kg	30 kg
152794*	—	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	60.000 kg	20 kg	26 kg
152795*	—	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	90.000 kg	50 kg	36 kg
152796*	—	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	130.000 kg	50 kg	45 kg
152797*	—	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	190.000 kg	100 kg	77 kg
Consult**	—	MSI-7300 RF module (for connectivity to MSI-8000 RF remote display)	275.000 kg	100 kg	152 kg

Options/Accessories

PART #	MSI PART #	DESCRIPTION	EST. SHIP WEIGHT
151357	10541	Shackle anchor, bolt type 3,25 ton for 226,8 to 2.268 kg unit	1,4 kg
151355	10538	Shackle anchor, bolt type 6,5 ton for 4.536 kg unit	2,7 kg
141992	10539	Shackle anchor, bolt type 17 ton for 11.340 kg unit	17,7 kg
151356	10540	Shackle anchor, bolt type 25 ton for 22.680 kg unit	28,6 kg
146336	23650-0050	Shackle anchor, bolt type 55 ton for 45.359 kg unit	47 kg
83454	—	Shackle anchor, bolt type 85 ton for 81.647 kg unit	57 kg
83455	—	Shackle anchor, bolt type 120 ton for 117.934 kg unit	84 kg
83456	—	Shackle anchor, bolt type 175 ton for 172.365 kg unit	159 kg
83458	—	Shackle anchor, bolt type 250 ton for 249.476 kg unit	318 kg
139381	503208-0001	MSI-8000 RF remote display (requires MSI-7300 equipped with optional RFmodem)	2,25 kg
Consult	—	MSI-8000 HD RF remote display, A/C powered	2,0 kg
162899	—	Red LED, 101 mm, six-digit display	10 kg
162897	—	Red LED, 152 mm, six-digit display	17 kg
162059	—	Transport case for 230 kg-4.5Y capacity unit with pluck and pick foam	—
162113	—	Precision cut heavy duty foam. For use with 162059 case and 1 k DynaLinks	—
162114	—	Precision cut heavy duty foam. For use with 162059 case and 2,5 k / 5 k DynaLinks	—
162115	—	Precision cut heavy duty foam. For use with 162059 case and 10 k DynaLinks	—
145076	14317	Transport case for 12,5 and 25T capacity unit	—
145073	14311	Transport case for 50T capacity unit	—
139470	503414-0002	RS-232 serial cable for MSI-7300	0,45 kg
149549	503486-0001	Universal 115/ 230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000 remote display	1,4 kg
150964	503489-0001	RS-232 4 m serial cable for MSI-8000	0,45 kg

* 500% Ultimate overload

** 440% Ultimate overload