

MSI-7300 Dyna-Link 2

Digital Tension Dynamometer



Optional rugged remote

Standard Features

- Tension dynamometer with six-digit, 25,4 mm LCD display
- Two C alkaline batteries for capacities up to 5.000 kg
- Two D alkaline batteries for capacities 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 (30,5 m line of sight) and TranSend
- Heavy capacity configurations (60 to 275 Ton)
- Audible alarm
- Wi-Fi or Bluetooth® communications are available for specialty applications. (Contact MSI for application consultation)

Part Number/Price

Part #	MSI Part #	Description	Capacity	Resolution	Est. Weight	Price
139162	502967-0001	MSI-7300 500 kg F/A	500 kg	0,2 kg	3,6 kg	Consult
139163	502967-0002	MSI-7300 1.250 kg F/A	1.250 kg	0,5 kg	4,0 kg	Consult
139164	502967-0003	MSI-7300 2.500 kg F/A	2.500 kg	1,0 kg	4,0 kg	Consult
139165	502967-0004	MSI-7300 5.000 kg F/A	5.000 kg	2,0 kg	5,0 kg	Consult
139166	502967-0005	MSI-7300 12.500 kg F/A	12.500 kg	5 kg	8,6 kg	Consult
139167	502967-0006	MSI-7300 25.000 kg F/A	25.000 kg	10 kg	13 kg	Consult
139168*	502967-0007	MSI-7300 50.000 kg F/A	50.000 kg	20 kg	30 kg	Consult
Optional Configurations (for connectivity to MSI-8000 RF Remote Display) F/A						
139441	503381-0001	MSI-7300 RF module	500 kg	0,2 kg	3,6 kg	Consult
139442	503381-0002	MSI-7300 RF module	1.250 kg	0,5 kg	4 kg	Consult
139443	503381-0003	MSI-7300 RF module	2.500 kg	1 kg	4 kg	Consult
139444	503381-0004	MSI-7300 RF module	5.000 kg	2 kg	5 kg	Consult
139445	503381-0005	MSI-7300 RF module	12.500 kg	5 kg	8,6 kg	Consult
139446	503381-0006	MSI-7300 RF module	25.000 kg	10 kg	13 kg	Consult
139447*	503381-0007	MSI-7300 RF module	50.000 kg	20 kg	30 kg	Consult
159168*	N/A	MSI-7300 RF module	60.000 kg	20 kg	26 kg	Consult
159169*	N/A	MSI-7300 RF module	90.000 kg	50 kg	36 kg	Consult
159170*	N/A	MSI-7300 RF module	130.000 kg	50 kg	45 kg	Consult
159171*	N/A	MSI-7300 RF module	190.000 kg	100 kg	77 kg	Consult
159172**	N/A	MSI-7300 RF module	275.000 kg	100 kg	152 kg	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, 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 5.000 kg two D alkaline batteries for capacities 12.500 kg–50.000 kg

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:

-20°C to 60°C

Calibration:

Digital

Filtering:

OFF, LO, HI selectable

Data Output:

Serial RS-232

Warranty:

Two-year limited warranty

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CRANE SCALES

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Part Number/Price

Part #	MSI Part #	Description	Capacity	Resolution	Est. Weight	Price
176806	N/A	MSI-7300 500 kg F/A with Bluetooth® ***	500 kg	0,2 kg	3,6 kg	Consult
176807	N/A	MSI-7300 1.250 kg F/A with Bluetooth® ***	1.250 kg	0,5 kg	4,0 kg	Consult
176808	N/A	MSI-7300 2.500 kg F/A with Bluetooth® ***	2.500 kg	1 kg	4,0 kg	Consult
176809	N/A	MSI-7300 5.000 kg F/A with Bluetooth® ***	5.000 kg	2 kg	5,0 kg	Consult
176810	N/A	MSI-7300 12.500 kg F/A with Bluetooth® ***	12.500 k	5 kg	8,6 kg	Consult
176811	N/A	MSI-7300 25.000 kg F/A with Bluetooth® ***	25.000 kg	10 kg	13 kg	Consult
176812	N/A	MSI-7300 50.000 kg F/A with Bluetooth® ***	50.000 kg	20 kg	30 kg	Consult
176822*	N/A	MSI-7300 60.000 kg F/A with Bluetooth® ***	60.000 kg	20 kg	26 kg	Consult
176823	N/A	MSI-7300 90.000 kg F/A with Bluetooth® ***	90.000 kg	50 kg	36 kg	Consult
176824	N/A	MSI-7300 130.000 kg F/A with Bluetooth® ***	130.000 kg	50 kg	45 kg	Consult
176825	N/A	MSI-7300 190.000 kg F/A with Bluetooth® ***	190.000 kg	100 kg	77 kg	Consult
176826**	N/A	MSI-7300 275.000 kg F/A with Bluetooth® ***	275.000 kg	100 kg	152 kg	Consult
176813	N/A	MSI-7300 500 kg F/A with Wi-Fi	500 kg	0,2 kg	3,6 kg	Consult
176814	N/A	MSI-7300 1.250 kg F/A with Wi-Fi	1.250 kg	0,5 kg	4,0 kg	Consult
176815	N/A	MSI-7300 2.500 kg F/A with Wi-Fi	2.500 kg	1 kg	4,0 kg	Consult
176816	N/A	MSI-7300 5.000 kg F/A with Wi-Fi	5.000 kg	2 kg	5,0 kg	Consult
176817	N/A	MSI-7300 12.500 kg F/A with Wi-Fi	12.500 kg	5 kg	8,6 kg	Consult
176818	N/A	MSI-7300 25.000 kg F/A with Wi-Fi	25.000 kg	10 kg	13 kg	Consult
176819	N/A	MSI-7300 50.000 kg F/A with Wi-Fi	50.000 kg	20 kg	30 kg	Consult
176827	N/A	MSI-7300 60.000 kg F/A with Wi-Fi	60.000 kg	20 kg	26 kg	Consult
176828	N/A	MSI-7300 90.000 kg F/A with Wi-Fi	90.000 kg	50 kg	36 kg	Consult
176829	N/A	MSI-7300 130.000 kg F/A with Wi-Fi	130.000 kg	50 kg	45 kg	Consult
176830	N/A	MSI-7300 190.000 kg F/A with Wi-Fi	190.000 kg	100 kg	77 kg	Consult
176831	N/A	MSI-7300 275.000 kg F/A with Wi-Fi	275.000 kg	100 kg	152 kg	Consult

* 500% Ultimate overload

** 440% Ultimate overload

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

Options/Accessories

Part #	MSI Part #	Description	Est. Weight	Price
151357	10541	Shackle anchor, bolt type 3,25 ton for 250 kg-2.500 kg unit	1,4 kg/pair	Consult
151355	10538	Shackle anchor, bolt type 6,5 ton for 5.000 kg unit	2,7 kg/pair	Consult
141992	10539	Shackle anchor, bolt type 17 ton for 12.500 kg unit	17,7 kg/pair	Consult
151356	10540	Shackle anchor, bolt type 25 ton for 25.000 kg unit	28,6 kg/pair	Consult
146336	23650-0050	Shackle anchor, bolt type 55 ton for 50.000 kg unit	82 kg/pair	Consult
151359	N/A	Shackle anchor, bolt type 85 ton for 90.000 kg unit	93 kg/pair	Consult
151360	N/A	Shackle anchor, bolt type 120 ton for 130.000 kg unit	102 kg/pair	Consult
151361	N/A	Shackle anchor, bolt type 175 ton for 190.000 kg unit	590 kg/pair	Consult
151358	N/A	Shackle anchor, bolt type 250 ton for 275.000 kg unit	318 kg/pair	Consult
139381	503208-0001	MSI-8000 RF remote display (requires MSI-7300 equipped with optional RF modem)	2,25 kg	Consult
153591	N/A	MSI-8000HD RF remote display, A/C powered with tilt stand (requires MSI-7300 equipped with optional RF modem)	2,25 kg	Consult
165313	N/A	Heavy duty pelican transport case with precision cut Heavy duty foam for 250 kg-5.000 kg capacity units	4,5 kg	Consult
145076	14317	Transport crate for 12.500 kg and 25.000 kg capacity unit	15,9 kg	Consult
145073	14311	Transport crate for 50.000 kg capacity unit	19,1 kg	Consult
139470	503414-0002	RS-232 serial cable for MSI-7300	0,45 kg	Consult
178004	N/A	LaserLight2, 4 in (101 mm) six-digit RF scoreboard (requires MSI-7300 equipped with optional RF modem)	10 kg	Consult
178006	N/A	LaserLight2, 6 in (152 mm) six-digit RF scoreboard (requires MSI-7300 equipped with optional RF modem)	17 kg	Consult
149549	503486-0001	Universal 115/ 230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000 remote display	1,4 kg	Consult
182223		12V car charger adapter for MSI-8000	1 lb	Consult
173014		Rugged remote control (requires MSI-7300 equipped with optional RF modem)	N/A	Consult
150964	503489-0001	RS-232 4 m serial cable for MSI-8000	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



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