

MSI-7300 Dyna-Link 2

Digital Tension Dynamometer



Shown with optional shackles

CRANE SCALES

Part Number/Price

Part #	Description	Resolution	Est. Weight	Price
139162	1,000 lb (500 kg) F/A	0.5 lb (0.2 kg)	8 lb	\$1,610.00
139163	2,500 lb (1,250 kg) F/A	1 lb (0.5 kg)	9 lb	\$1,610.00
139164	5,000 lb (2,500 kg) F/A	2 lb (1.0 kg)	9 lb	\$1,610.00
139165	10,000 lb (5,000 kg) F/A	5 lb (2.0 kg)	11 lb	\$1,730.00
139166	25,000 lb (12,500 kg) F/A	10 lb (5 kg)	19 lb	\$2,310.00
139167	50,000 lb (25,000 kg) F/A	20 lb (10 kg)	29 lb	\$3,000.00
139168*	100,000 lb (50,000 kg) F/A	50 lb (20 kg)	65 lb	\$3,910.00
Optional Configurations (for connectivity to MSI-8000 RF Remote Display) F/A				
139441	1,000 lb (500 kg) RF module	0.5 lb (0.2 kg)	8 lb	\$1,810.00
139442	2,500 lb (1,250 kg) RF module	1 lb (0.5 kg)	9 lb	\$1,810.00
139443	5,000 lb (2,500 kg) RF module	2 lb (1 kg)	9 lb	\$1,810.00
139444	10,000 lb (5,000 kg) RF module	5 lb (2 kg)	11 lb	\$1,930.00
139445	25,000 lb (12,500 kg) RF module	10 lb (5 kg)	19 lb	\$2,500.00
139446	50,000 lb (25,000 kg) RF module	20 lb (10 kg)	29 lb	\$3,190.00
139447*	100,000 lb (50,000 kg) RF module	50 lb (20 kg)	65 lb	\$4,110.00
159168*	120,000 lb (60,000 kg) RF module includes MSI-8000	50 lb (20 kg)	57 lb	Consult
159169*	180,000 lb (90,000 kg) RF module includes MSI-8000	100 lb (50 kg)	74 lb	Consult
159170*	260,000 lb (130,000 kg) RF module includes MSI-8000	100 lb (50 kg)	100 lb	Consult
159171*	380,000 lb (190,000 kg) RF module includes MSI-8000	200 lb (100 kg)	169 lb	Consult
159172**	550,000 lb (275,000 kg) RF module includes MSI-8000	200 lb (100 kg)	336 lb	Consult
MSI-7300 Dyna-Link 2 Wi-Fi				
176813	1,000 lb (500 kg) F/A with Wi-Fi	0.5 lb (0.2 kg)	8 lb	\$1,750.00
176814	2,500 lb (1,250 kg) F/A with Wi-Fi	1 lb (0.5 kg)	9 lb	\$1,840.00
176815	5,000 lb (2,500 kg) F/A with Wi-Fi	2 lb (1.0 kg)	9 lb	\$1,840.00
176816	10,000 lb (5,000 kg) F/A with Wi-Fi	5 lb (2.0 kg)	11 lb	\$1,970.00
176817	25,000 lb (12,500 kg) F/A with Wi-Fi	10 lb (5 kg)	19 lb	\$2,550.00
176818	50,000 lb (25,000 kg) F/A with Wi-Fi	20 lb (10 kg)	29 lb	\$3,340.00
176819	100,000 lb (50,000 kg) F/A with Wi-Fi	50 lb (20 kg)	65 lb	\$4,200.00
176827	120,000 lb (60,000 kg) F/A with Wi-Fi	50 lb (20 kg)	57 lb	Consult
176828	180,000 lb (90,000 kg) F/A with Wi-Fi	100 lb (50 kg)	74 lb	Consult
176829	260,000 lb (130,000 kg) F/A with Wi-Fi	100 lb (50 kg)	100 lb	Consult
176830	380,000 lb (190,000 kg) F/A with Wi-Fi	200 lb (100 kg)	169 lb	Consult
176831	550,000 lb (275,000 kg) F/A with Wi-Fi	200 lb (100 kg)	336 lb	Consult

* 500% Ultimate overload

** 440% Ultimate overload

Standard Features

- LCD display
- Two C-cell alkaline batteries for capacities up to 10,000 lb (5,000 kg)
- Two D-cell 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 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 to 300 ft, line of sight, for longer range consult factory.
- Audible alarm
- Wi-Fi communication is available for specialty applications

Specifications

Accuracy:

- 0.1% FS of rated capacity (up to 100,000 lb)
- 0.5% FS of rated capacity (120,000 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:

- 5-digit, 1.22" (31 mm) tall, LCD - 50,000 lb & lower
- 6-digit, 1" (25 mm) tall, LCD - 100,000 lb & higher

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-cell alkaline batteries for capacities up to 10,000 lb; two each D-cell alkaline batteries for capacities 25,000 to 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)

Filtering:

- OFF, LO, HI selectable

Data Output:

- Serial RS-232

Warranty:

- Two-year limited

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Options/Accessories

Part #	Description	Est. Weight	Price
151357*	Shackle anchor, bolt type 3.25 ton for 500 lb-5,000 lb unit	1.5 lb	Consult
151355*	Shackle anchor, bolt type 6.5 ton for 10,000 lb unit	3 lb	Consult
141992*	Shackle anchor, bolt type 17 ton for 25,000 lb unit	19.5 lb	Consult
151356*	Shackle anchor, bolt type 25 ton for 50,000 lb unit	31.5 lb	Consult
146336*	Shackle anchor, bolt type 55 ton for 100,000 lb unit	51.5 lb	Consult
151359*	Shackle anchor, bolt type 85 ton for 180,000 lb unit	103 lb	Consult
151360*	Shackle anchor, bolt type 120 ton for 260,000 lb unit	112.5 lb	Consult
151361*	Shackle anchor, bolt type 175 ton for 380,000 lb unit	332.5 lb	Consult
151358*	Shackle anchor, bolt type 250 ton for 550,000 lb unit	650lb	Consult
139381	MSI-8000 RF remote display (requires MSI-7300 equipped with optional RF modem)	5 lb	\$1,415.00
153591	MSI-8000HD RF remote display, A/C powered with tilt stand (requires MSI-7300 equipped with optional RF modem)	5 lb	\$1,541.00
165313	Heavy duty Pelican transport case with precision cut. Heavy duty foam for units up to 10,000 lb capacity	10 lb	\$385.00
145076	Transport crate for 25,000 lb and 50,000 lb capacity unit	35 lb	\$460.00
145073	Transport crate for 100,000 lb capacity unit	42 lb	Consult
139470	RS-232 serial cable for MSI-7300	1 lb	\$165.00
178004	LaserLight2, 4 in (100 mm) six-digit RF scoreboard (requires MSI-7300 equipped with optional RF modem)	21 lb	\$2,535.00
178006	LaserLight2, 6 in (150 mm) six-digit RF scoreboard (requires MSI-7300 equipped with optional RF modem)	37 lb	\$3,005.00
149549	Universal 115/ 230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000 remote display	3 lb	\$165.00
173014	Rugged remote control (requires MSI-7300 equipped with optional RF modem)	1 lb	\$355.00
150964	RS-232 13 ft (4 m) serial cable for MSI-8000	1 lb	\$200.00
139438	Audible setpoint (not available with MSI-7300RF or MSI-7300WiFi)	-	\$440.00
149550	Battery charger for MSI-8000 EC plug	-	\$160.00

* 2 shackles will be needed per 7300

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