

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	Consult
139163	2,500 lb (1,250 kg) F/A	1 lb (0.5 kg)	9 lb	Consult
139164	5,000 lb (2,500 kg) F/A	2 lb (1.0 kg)	9 lb	Consult
139165	10,000 lb (5,000 kg) F/A	5 lb (2.0 kg)	11 lb	Consult
139166	25,000 lb (12,500 kg) F/A	10 lb (5 kg)	19 lb	Consult
139167	50,000 lb (25,000 kg) F/A	20 lb (10 kg)	29 lb	Consult
139168*	100,000 lb (50,000 kg) F/A	50 lb (20 kg)	65 lb	Consult
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	Consult
139442	2,500 lb (1,250 kg) RF module	1 lb (0.5 kg)	9 lb	Consult
139443	5,000 lb (2,500 kg) RF module	2 lb (1 kg)	9 lb	Consult
139444	10,000 lb (5,000 kg) RF module	5 lb (2 kg)	11 lb	Consult
139445	25,000 lb (12,500 kg) RF module	10 lb (5 kg)	19 lb	Consult
139446	50,000 lb (25,000 kg) RF module	20 lb (10 kg)	29 lb	Consult
139447*	100,000 lb (50,000 kg) RF module	50 lb (20 kg)	65 lb	Consult
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	Consult
176814	2,500 lb (1,250 kg) F/A with Wi-Fi	1 lb (0.5 kg)	9 lb	Consult
176815	5,000 lb (2,500 kg) F/A with Wi-Fi	2 lb (1.0 kg)	9 lb	Consult
176816	10,000 lb (5,000 kg) F/A with Wi-Fi	5 lb (2.0 kg)	11 lb	Consult
176817	25,000 lb (12,500 kg) F/A with Wi-Fi	10 lb (5 kg)	19 lb	Consult
176818	50,000 lb (25,000 kg) F/A with Wi-Fi	20 lb (10 kg)	29 lb	Consult
176819	100,000 lb (50,000 kg) F/A with Wi-Fi	50 lb (20 kg)	65 lb	Consult
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

Specifications

Accuracy:

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

Enclosure:

- NEMA Type 4, IP65, anodized corrosion-resistant finish

Material:

- 2024 aircraft grade aluminum
- 100,000 lb and above: Zinc plated, 4340 mild steel

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) tall, LCD - 50,000 lb and lower
- 6-digit, 1.00 in (25 mm) tall, LCD - 100,000 lb and 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.

Temperature:

- Operating: -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	650 lb	Consult
139381	MSI-8000 RF remote display (requires MSI-7300 equipped with optional RF modem)	5 lb	Consult
153591	MSI-8000HD RF remote display, A/C powered with tilt stand (requires MSI-7300 equipped with optional RF modem)	5 lb	Consult
165313	Heavy duty Pelican transport case with precision cut. Heavy duty foam for units up to 10,000 lb capacity	10 lb	Consult
145076	Transport crate for 25,000 lb and 50,000 lb capacity unit	35 lb	Consult
145073	Transport crate for 100,000 lb capacity unit	42 lb	Consult
139470	RS-232 serial cable for MSI-7300	1 lb	Consult
178004	LaserLight2, 4 in (100 mm) six-digit RF scoreboard (requires MSI-7300 equipped with optional RF modem)	21 lb	Consult
178006	LaserLight2, 6 in (150 mm) six-digit RF scoreboard (requires MSI-7300 equipped with optional RF modem)	37 lb	Consult
149549	Universal 115/ 230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000 remote display	3 lb	Consult
173014	Rugged remote control (requires MSI-7300 equipped with optional RF modem)	1 lb	Consult
150964	RS-232 13 ft (4 m) serial cable for MSI-8000	1 lb	Consult
139438	Audible setpoint (not available with MSI-7300RF or MSI-7300WiFi)	-	Consult
149550	Battery charger for MSI-8000 EC plug	-	Consult

* 2 shackles will be needed per 7300

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