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Measurement Systems International

Dyna-Link for use in overhead weighing and process control applications.

Dyna-Link's versatility only begins as a test instrument. When combined with the MSI-3650 digital weight indicator, an accurate and reliable weighing or control system may be created. Any capacity load sensor may be interfaced with the multi-feature indicator to provide numerous weighing and control operations. Like Dyna-Link, the 3650 indicator is designed for industrial use in any environment. Features include: 12,500 count resolution, AC, DC or battery powered for portability, alpha-numeric display, weight totalizing, 8 programmable set points, internal relay control, ID codes, RS232 output and more. A complete specification sheet for the MSI-3650 indicator is available on request.



▲ Dyna-Link in use to monitor tower line tension.

Large, easy to read liquid crystal display.
Environmentally sealed and corrosion resistant packaging.

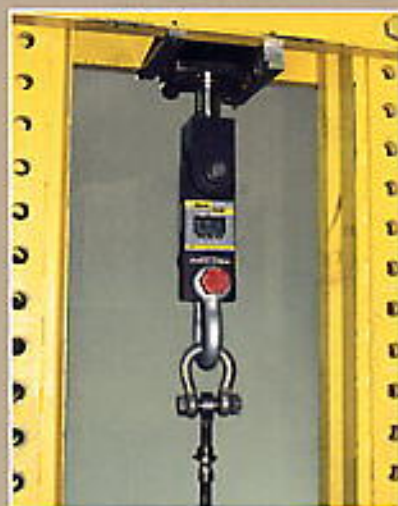


Simple push button operation.

Powered from 2 "C" size batteries for up to 500 hours of continuous use.



▲ Space saving surface mount electronics are low in mass for better reliability under shock and vibration.



Dyna-Link is the ideal instrument for indicating peak loads and/or breaking points in tension testing apparatus.

In the Peak Hold mode, Dyna-Link updates twenty times a second for capturing peak load and/or tension breaking points. Because it's compact in size, Dyna-Link can easily be installed into new or existing tension test apparatus. The self-contained digital display provides precise readings directly on the load sensor, or a remote display may be added for monitoring load tests from safe distances. The remote display can also be furnished with analog or RS232 output for interface to chart recorders, computers or printers. Tension testing and certification has never been easier and more precise, thanks to Dyna-Link's advanced digital technology.



Dyna-Link's portability and broad capacity range conveniently eliminates guesswork and risks associated with lifting unknown loads on all types of cranes.

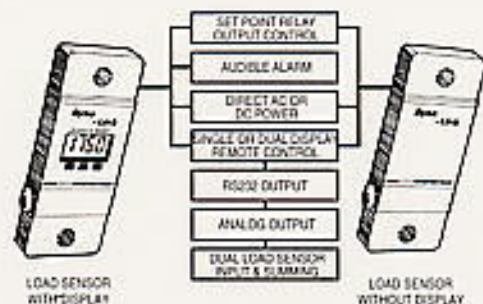
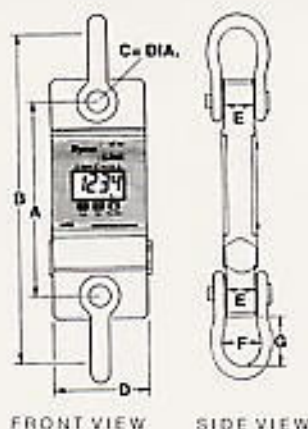
Now crane operators and riggers are provided an inexpensive solution for determining unknown loads. Dyna-Link is portable and available in capacities up to 250 tons, so it can be easily called on for duty whenever and wherever required. When installed at the dead-end of a crane line, Dyna-Link serves as a crane overload warning device. A combination of options allow direct AC or DC input power along with relay control of motors and overload warning signals for all types of cranes. Crane Safety Certifiers also find the Dyna-Link to be extraordinary equipment for convenient on-site certification of cranes.



Dyna-Link is the choice tool for riggers in construction and utility applications.

Safety and reliability are primary concerns with regard to equipment used by personnel in the utility and construction industry. As a riggers tool, Dyna-Link provides both, whether used for monitoring or balancing cable line tension or indicating overhead loads for safe rigging practices. The versatility provided by Dyna-Link's many features along with its all environment tolerant package make it industry's choice tension dynamometer and rigging tool.

MSI-7200 DYNA-LINK SPECIFICATIONS



▲ OPTIONAL SYSTEM INTERFACES

DIMENSIONS AND SPECIFICATIONS

CAPACITY	RESOLUTION	A	B	C	D	E	F	G	APPROX. SHIP WT.	OPTIONAL SHACKLE # (Crosby)
500 lbs	0.5 lb	9.25 in	14.77	0.75	4.50	0.99	1.69	1.87	5 lb	G-2130
250 kgs	0.2 kg	235 mm	375	19	114	25	43	48	2.3 kg	3-1/4 T
1,000 lbs	1 lb	9.25 in	14.77	0.75	4.50	0.99	1.69	1.87	5 lb	G-2130
500 kgs	0.5 kg	235 mm	375	19	114	25	43	48	2.3 kg	3-1/4 T
2,000 lbs	2 lb	9.25 in	14.77	0.75	4.50	0.99	1.69	1.87	5 lb	G-2130
1,000 kgs	1 kg	235 mm	375	19	144	25	43	48	2.3 kg	3-1/4 T
5,000 lbs	5 lb	9.50 in	15.02	0.75	4.50	0.99	1.69	2.00	7 lb	G-2130
2,500 kgs	2 kg	241 mm	382	19	114	25	43	51	3.2 kg	3-1/4 T
10,000 lbs	10 lb	9.50 in	17.12	1.00	4.50	1.35	2.28	2.68	15 lb	G-2130
5,000 kgs	5 kg	241 mm	435	25	114	34	58	68	6.8 kg	6-1/2 T
25,000 lbs	20 lb	10.13 in	23.26	1.63	4.80	2.24	3.88	4.81	30 lb	G-2130
12,500 kgs	10 kg	257 mm	591	41	122	57	99	122	13.6 kg	17 T
50,000 lbs	50 lb	10.88 in	26.88	2.00	5.43	2.74	5.00	6.00	50 lb	G-2130
25,000 kgs	20 kg	276 mm	683	51	138	70	127	152	22.7 kg	25 T
100,000 lbs	100 lb	12.50 in	30.25	2.25	6.86	3.10	5.75	6.37	85 lb	G-2140
50,000 kgs	50 kg	318 mm	768	57	174	79	146	162	38.6 kg	50 T
160,000 lbs	200 lb	13.50 in	37.25	2.75	7.50	3.88	7.25	8.88	150 lbs	G-2140
80,000 kgs	100 kg	343 mm	946	70	190	99	184	225	68 kg	80 T
220,000 lbs	200 lb	14.00 in	43.25	3.25	7.50	4.74	7.88	11.36	185 lb	G-2140
110,000 kgs	100 kg	356 mm	1099	83	190	120	200	288	84 kg	110T
350,000 lbs	500 lb	16.00 in	49.25	4.25	9.00	5.24	10.00	12.13	285 lb	G-2140
175,000 kgs	200 kg	406 mm	1250	108	229	133	254	308	130 kg	175 T
400,000 lbs	500 lb	17.50 in	53.25	4.75	9.50	6.96	11.00	12.88	450 lb	G-2140
200,000 kgs	200 kg	445 mm	1353	121	241	177	279	327	204 kg	200 T
500,000 lbs	500 lb	19.00 in	64.00	5.00	10.00	8.20	13.00	17.00	500 lb	G-2140
250,000 kgs	200 kg	483 mm	1626	127	254	208	330	432	260 kg	250 T

CONSULT FACTORY FOR HIGHER CAPACITIES. SPECIFICATIONS SUBJECT TO CHANGE.

STANDARD PRODUCT SPECIFICATIONS

Accuracy: 0.1% of rated capacity
0.5% on capacities over 50 tons

Display: Four digit 1 inch/25mm high

Functions: On/Off, Zero (100%), Peak Hold, Set Points (2 selectable)

Annunciators: Low Battery, Peak Hold, Setpoints I & II

Units Displayed (selectable): Lbs, Kgs, Tons, Metric Tons, dekaNewtons

Power: 2 each "C" alkaline batteries

Operating Time:

Up to 500 hours of continuous use (10 minute auto-shutoff with non-use)

Operating Temperature:

-4° to 140° F (-20° to +60° C)

Enclosure:

Corrosion resistant and environmentally sealed

Overload:

200% safe - 500% ultimate

Calibration:

Digital

OPTIONS AND ACCESSORIES

- Top and bottom shackles (Crosby or equal)

- Portable carrying case
- Single display remote control (hardwired)
- Dual display remote control (hardwired)
- Quick disconnect for remote display options
- Set point relay output control kit
- AC or DC power input (specify power requirements)
- Analog output
- RS232 output (available for remote display option only)
- Dual load sensor input and summing
- Set point audible alarm

