

# Series Z2S-LM

## Programmable, Digital Force Gauge with Button Sensor (for compression only)

- Programmable high/low setpoints with color-coded LED indicators and output signal for quick go/no go testing
- 1,000 Data memory for computer download
- External switch display hold and clear
- lbf, kgf, and N units are push button selectable
- RS-232C, Digimatic and Analog outputs
- Runs on internal NI-MH batteries or AC adapter
- Ergonomic design with non-slip rubber grip, heavy duty metal construction
- Overload capacity 200% of F.S.
- Real time and peak mode (selectable)
- Overload alarm and output signal
- Low battery indicator
- Includes 6' cable, AC adapter/charger and carrying case



The Z2S-LM are high performance digital force gauges featuring a button sensor that is ideal for confined or difficult to reach spaces. LM sensors must be placed on flat surfaces and measure compression only. A standard six foot cable connects the gauge to the sensor. The Z2S-LM unit offers programmable high/low setpoints for go/no-go testing. ORANGE lights up for measurements less than Low setpoint, GREEN for between High and Low setpoint, and RED for over High setpoint. Store up to 1,000 values in memory, which can be displayed or transmitted using the serial output port. Use the real time mode to display load transients, or the peak mode to capture the peak force achieved during a test. Selectable measuring units of lbf, kgf, or Newtons.

**Z2S-LM Ranges (Resolution)** Accuracy:  $\pm 0.5\%$  F.S.  $\pm 1$  LSD

Model	Pounds (lbf)	Capacity (Resolution) Kilograms (kgf)	Newtons (N)	H	DØ
Z2S-LM-1	18.00 ozf (0.01 ozf)	500.0 gf (0.1 gf)	5.000 N (0.001 N)	.16 in	.47 in
Z2S-LM-4	4.400 lbf (0.001 lbf)	2.000 kgf (0.001 kgf)	20.00 N (0.01 N)	.16 in	.47 in
Z2S-LM-11	11.00 lbf (0.01 lbf)	5.000 kgf (0.001 kgf)	50.00 N (0.01 N)	.16 in	.47 in
Z2S-LM-44	44.00 lbf (0.01 lbf)	20.00 kgf (0.01 kgf)	200.0 N (0.1 N)	.40 in	1.24 in
Z2S-LM-110	110.0 lbf (0.1 lbf)	50.00 kgf (0.01 kgf)	500.0 N (0.1 N)	.40 in	1.24 in
Z2S-LM-220	220.0 lbf (0.1 lbf)	100.0 kgf (0.1 kgf)	1000 N (1N)	.40 in	1.24 in
Z2S-LM-440	440.0 lbf (0.1 lbf)	200.0 kgf (0.1 kgf)	2000 N (1N)	.40 in	1.24 in
Z2S-LM-1100	1100 lbf (1 lbf)	500.0 kgf (0.1 kgf)	5000 N (1N)	.40 in	1.24 in
Z2S-LM-2200	2200 lbf (1 lbf)	1000 kgf (1 kgf)	10.00 KN (0.01KN)	.40 in	1.24 in
Z2S-LM-4400	4400 lbf (1 lbf)	2000 kgf (1 kgf)	20.00 KN (0.01KN)	.62 in	1.49 in

All dimensions in inches; Button sensors must be placed on flat surfaces; Call for other types of sensors; Specifications subject to change without notice.

