

INTERFACE company is the leader in force measurement in USA. The company devoted all of the resources to the design and production of strain gauge, load sensors and force measurement systems for more than two decades. The products are high efficiency, high precision, predictable, reliable, etc., apply to:

- All types of electronic balances. Material control. Number counter. Quality control
- To measure thrust, torque and stress
- Material fatigue, endurance, tensile test
- Research
- Safety and process control stress monitoring



MB Series Minibeam Load Cell		SSB series Sealed Superbeam Load Cell		SM Series Supermini Load Cell		SSM Series Sealed Supermini Load Cell		SPI Series Single Point Load Cell	
<ul style="list-style-type: none"> • Capacities from 5lb to 250lb • Metric capacities from 20N to 1.1kN • High accuracy beam type cell 		<ul style="list-style-type: none"> • Capacities from 50lb to 1klb • Metric capacities from 225N to 4.5kN • Environmentally sealed 		<ul style="list-style-type: none"> • Capacities from 10lb to 1klb • Metric capacities from 50N to 5kN • High accuracy “S” type cell 		<ul style="list-style-type: none"> • Capacities from 50lb to 5klb • Metric capacities from 200N to 20kN • Sealed “S” type cell 		<ul style="list-style-type: none"> • Compensated strain gages • Eccentric load compensated • Tension & compression overload protection 	
<ul style="list-style-type: none"> • Proprietary Interface temperature compensated strain gages • Performance to 0.03% • Low height - 1in • 0.0008%/F temp. effect on output • Low cost 		<ul style="list-style-type: none"> • Proprietary Interface temperature compensated strain gages • 01% nonrepeatability • 400% compression overload protection • Environmentally sealed • 0008%/F temp. effect on output • Compact size 		<ul style="list-style-type: none"> • Proprietary Interface temperature compensated strain gages • High performance • 0.0008%/F temp. effect on output • Lowest creep (0.025%) Tension and compression 		<ul style="list-style-type: none"> • Proprietary Interface temperature compensated strain gages • Environmentally sealed • 02% nonrepeatability • .0008%/F temp. effect on output • Lowest creep (0.025%) • Tension and compression 		<ul style="list-style-type: none"> • Proprietary Interface temperature compensated strain gages • 01% nonrepeatability • 400% compression overload protection (3-15lb) • Safe overload to 200% capacity (25-150lb) • 0008%/F temp. effect on output • Eccentric load compensated 	
Model	Capacity (lb)	Model	Capacity (lb)	Model	Capacity (lb)	Model	Capacity (lb)	Model	Capacity (lb)
MB-5	5lb	SSB-50	50lb	SM-10	10lb	SSM-50	50lb	SP1-3	3lb
MB-10	10lb	SSB-100	100lb	SM-25	25lb	SSM-100	100lb	SP1-7.5	7.5lb
MB-25	25lb	SSB-250	250lb	SM-50	50lb	SSM-250	250lb	SP1-15	15lb
MB-50	50lb	SSB-500	500lb	SM-100	100lb	SSM-500	500lb	SP1-25	25lb
MB-75	75lb	SSB-1000	1000lb	SM-250	250lb	SSM-750	750lb	SP1-50	50lb
MB-100	100lb	SSB-2500	2500lb	SM-500	500lb	SSM-1000	1000lb	SP1-100	100lb
MB-150	150lb	SSB-5000	5000lb	SM-1000	1000lb	SSM-2000	2000lb	SP1-150	150lb
MB-250	250lb	SSB-10000	10000lb			SSM-3000	3000lb		
						SSM-5000	5000lb		
					Capacity (N)		Capacity (N)		
				SM-50N	50N	SSM-200N	200N		
				SM-100N	100N	SSM-500N	500N		
				SM-200N	200N	SSM-1000N	1000N		
				SM-500N	500N	SSM-2000N	2000N		
				SM-1000N	1000N	SSM-5000N	5000N		
				SM-2000N	2000N	SSM-10KN	10000N		
				SM-5000N	5000N	SSM-20KN	20000N		
Only pressure calibration for standard. Special order is required for tension calibration.								Only pressure calibration	



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Low Profile Load Cells

- Small size
- Resistance to external forces
- High output efficiency
- Real linearity
- Stable for long operating time and resist to fatigue
- Low deflection
- Temperature stability
- Air pressure compensation
- Symmetrical output
- Options: (Please choose during order)
 1. Base
 2. Overload protection (only available with base)
 3. Connector protection



Shown with optional base→

1000 Series Fatigue Rated Load Cell

Combination of high-quality materials, special process, strict testing and the most advanced design concepts to create the best load cell. Can withstand 100 million fully reversed cycles.

Model	Capacity (lb)	Model	Capacity (lb)	Model	Capacity (N)	Model	Capacity (N)
1010-250	250	1020-25K	25,000	1010-1.25KN	1,250	1020-125KN	125,000
1010-500	500	1032-50K	50,000	1010-2.5KN	2,500	1020-225KN	225,000
1010-1K	1,000	1040-100K	100,000	1010-5KN	5,000	1040-450KN	450,000
1010-2.5K	2,500	1044-135K	135,000	1010-12.5KN	12,500	1044-600KN	600,000
1010-5K	5,000	1050-200K	200,000	1010-25KN	25,000	1050-900KN	900,000
1020-12.5K	12,500	1050-300K	300,000	1020-50KN	50,000	1060-1500KN	1500,000

1100 Series Ultra Precision Load Cell

High precision load cell is ideal for force measurement calibration system.

Measuring stress and tension model				Measuring stress model			
Model	Capacity (lb)	Model	Capacity (N)	Model	Capacity (lb)	Model	Capacity (N)
1110-300	300	1110-1.5KN	1,500	1111-1K	1,000	1111-5KN	5,000
1110-500	500	1110-2.5KN	2,500	1111-2K	2,000	1111-10KN	10,000
1110-1K	1,000	1110-5KN	5,000	1111-5K	5,000	1111-25KN	25,000
1110-2K	2,000	1110-10KN	10,000	1111-10K	10,000	1111-50KN	50,000
1110-5K	5,000	1110-25KN	25,000	1121-25K	25,000	1121-100KN	100,000
1110-10K	10,000	1110-50KN	50,000	1121-50K	50,000	1121-250KN	250,000
1120-25K	25,000	1120-100KN	100,000				
1120-50K	50,000	1120-250KN	250,000				
1132-100K	100,000	1132-450KN	450,000				
1140-200K	200,000	1140-900KN	900,000				

Load cell indicator

Model 9320 Hand Held Battery Powered Indicator

- Maximum 7 digit display
- Display range +/- 9,999,999
- Resolution: 24 bits
- Maximum/ minimum display
- Power: 2X AA alkaline batteries



Model 9820 General Purpose Indicator

- Maximum 5 digit display
- Display range +/- 99,999
- Resolution: +/- 19,999
- Powers up to 4 350Ω load cells
- Analog output: +/-10V DC
- Power: 230V AV



Model 9300 Weight Indicator

- Maximum 6 digit display
- Display range +/- 60,000
- Selectable units: lb, kg, ounces etc.
- Powers up to 8 load cells
- Power: 230V AV



Model 9840 Intelligent Indicator

- Maximum 6 digit display
- Display range +/- 999,999
- Resolution: 24 bits
- Selectable units: lb, kg, ounces etc.
- Analog output: +/-10V DC
- RS232 interface
- Power: 230V AV



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