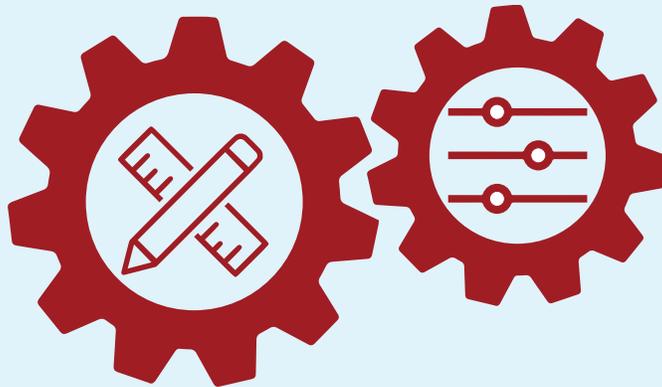




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Custom Load Cells Load Pins & Assemblies

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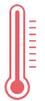
Designed & produced in
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Single-Ended Beam Load Cells	Double-Ended Beam Load Cells	Low-Profile Load Cells	Cannister Load Cells	Annular Load Cells
				
Features				
Hermetically-sealed versions available Integral cable or connector versions	Hermetically-sealed versions available Self-checking	Both tension & compression models Integral cable or connector versions	Integral cable or connector versions Dual-bridge configurations	Hermetically-sealed versions available Integral cable or connector versions
Steel Construction				
Stainless or Alloy	Stainless or Alloy	Stainless	Stainless	Stainless
Capacity Range				
100 LBF — 200K LBF 0 kN — 889 kN	5K LBF — 1M LBF 22 kN — 4448 kN	500 LBF — 4M LBF 2 kN — 17792 kN	300 LBF — 10M LBF 1 kN — 44482 kN	500 LBF — 10M LBF 2 kN — 44482 kN
Excitation Voltage				
10V — 15V	10V — 15V	10V — 15V	10V — 15V	10V — 15V
Output Configurations				
1mV , 2mV/V — 3mV/V , 0V — 10V , 4mA — 20mA				
Temperature Range				
0°F — 150°F -17°C — 65°C	10°F — 400°F -12°C — 204°C	10°F — 115°F -12°C — 46°C	10°F — 110°F -12°C — 43°C	10°F — 200°F -12°C — 93°C
Accuracy & Precision				
Linearity: 0.05% Hysteresis: 0.03%	Linearity: 0.05% Repeatability: 0.03%	Linearity: 0.04% Repeatability: 0.01%	Linearity: 0.05% Repeatability: 0.03%	Linearity: 0.5% — 1.5% Repeatability: 0.05%
Maximum Load				
Safe: 150% Ultimate: 300%	Safe: 150% Ultimate: 300%	Safe: 150% Ultimate: 300%	Safe: 150% Ultimate: 400%	Safe: 150% Ultimate: 300%



High temperature resistance



Welded construction to withstand harsh environments



Best accuracies available in the industry



If you need larger capacity than units shown, just ask!



Please note that specifications or results may vary as we strive to improve our products.
Additional information including dimensions and technical drawings available upon request.

Load Pins	Tension Links	Single-Ended Assemblies	Double-Ended Assemblies	Low-Profile Assemblies
				
Features				
Hermetically-sealed versions available Integral cable or connector versions	Hermetically-sealed versions available Integral cable or connector versions	Lift-off & tip-over protection Bolt-in-place design	Hermetically-sealed versions available Self-checking	Patented design Self-checking Hermetically-sealed
Steel Construction				
Stainless	Stainless	Stainless	Stainless or Alloy	Stainless
Capacity Range				
1K LBF — 2M LBF 4 kN — 8896 kN	1K LBF — 1M LBF 4 kN — 4448 kN	100 LBF — 22.5K LBF 0 kN — 100 kN	1K LBF — 1M LBF 4 kN — 4448 kN	1K LBF — 1M LBF 4 kN — 4448 kN
Excitation Voltage				
10V — 15V	10V — 15V	10V — 15V	10V — 15V	10V — 15V
Output Configurations				
1mV , 2mV/V — 3mV/V , 0V — 10V , 4mA — 20mA				
Temperature Range				
10°F — 400°F -12°C — 204°C	-65°F — 250°F -53°C — 121°C	10°F — 110°F -12°C — 43°C	10°F — 110°F -12°C — 43°C	10°F — 110°F -12°C — 43°C
Accuracy & Precision				
Linearity: 0.40% Repeatability: 0.20%	Linearity: 0.10% Repeatability: 0.05%	Linearity: 0.10% Repeatability: 0.03%	Linearity: 0.10% Repeatability: 0.03%	Linearity: 0.10% Repeatability: 0.03%
Maximum Load				
Safe: 150% Ultimate: 500%	Safe: 150% Ultimate: 300%	Safe: 150% Ultimate: 300%	Safe: 150% Ultimate: 300%	Safe: 150% Ultimate: 300%



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Calibrations & Repairs

Need a load cell or other equipment fixed?
Measurement Specialists covers products from any manufacturer!

With our premium repair and calibration services,
save money from buying replacement units and
instead have your existing cells refurbished to good-as-new!

MSNST provides:



Replacement of ALL internal electronic components & other parts as needed



1-year warranty



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Full-scale calibration, according to your needs

MSNST offers a complete calibration service for testing
load cells, scales, and force sensors of almost any type –
including calibrations in tension to 600K LBF,
and compression to 1.6M LBF.

We also provide a certificate of compliance detailing
the accuracy and precision of the sensor,
tested with traceability to NIST.

NIST
National Institute of
Standards and Technology



*All repairs and calibrations completed within
an average of 15–20 business days.*