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OUR PRODUCT RANGE

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Miscellaneous

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Digital RPM Indicators

Thermocouples

Customized Controllers

Testing Instruments

Variable Transformers

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Load Cell

MODEL NO. S-TYPE



S-Type Load Cell are high performance, low cost, Shear S-type loadcells with very good sensitivity, repeatability and accuracy. They have been specially designed considering the hanging type weighing applications which include Tank Weighing, Hopper Weighing etc. And are also very widely used for the conversion of the existing Mechanical Platform Scales and Weigh-bridges to electronic. These loadcells work equally well while being used in Tension or Compression. These loadcells are protected with high grade silicon compound for IP66 grade protection so that the loadcells give predictable performance in both, dry or humid environments.

PERFORMANCE SPECIFICATION

Rated Capacities (Kg.)	100, 200, 300, 500, 1000, 2000, 5000, 10000
Rated Output	2m V/V±10%
Non-linearity	<±0.02% of full scale
Creep (30 Mins)	<±0.03% of full scale
Zero	<2% of full scale
Hysteresis	<±0.02% of full scale
Repeatability	<±0.02% of full scale
Temp. Effect on Output	±0.012% Load / 10°C
Temp. Effect on Zero	±0.02% R.O. / 10°C
Compensated Temp. Range	-10°C to 50°C
Operating Temp. Range	-20°C to 60°C
Safe Overload	150% of Rated Capacity
Input Impedance	400±30 Ohms
Output Impedance	350±3 Ohms
Insulation Resistance	>2000 Mohms (50 VDC)
Recommended Excitation	5-12 VDC

Maximum Excitation	15 VDC
Protection Class	IP 66 Sealing
Cable Connection	Input: Red (+) White (-) Output: Green (+) Blue (-)

FEATURES

- Special grade electro-less nickel plated tool steel construction
- Economically priced, Low cost
- High Accuracy 0.03%
- Wide capacity range 100Kg to 300Kg
- Environmentally protected to protection class IP65
- Same loadcell can be used in Tension or Compression

APPLICATION

Very suitable for use in most types of hanging weighing application including Tank Weighing, Hopper Weighing etc. Also widely used for conversion of existing Mechanical Platform Scales and Weigh-bridges to Electronic. Can be used in industrial test equipment, like Load- Testers, Spring- Testers, Tensile-Testers etc.

[Request a Quote](#)



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» Digital Temperature Indicator	» Andon Display	» Time Measuring	» Frequency Meter
» PID Controller	» Moving Display	» Sequential Timer	» Hour Meter
» Profile Controller	» LED Display Boards	» Cyclic Timer	» Current Transformers
» Auto Scanner	» Multiline Display Boards		» Shunts
» Data Recorder	» Scrolling Message Boards		» Analog Meter
» Blood Bank Controller	» Token Display Boards		» Calibrators
» BOD Controller			» Watt Meter
Load Instruments	Humidity Instruments	pH Instruments	Sensors
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» Load Controller	» Humidity Controller	» pH Controller	» Magnetic Switches
» Load Cell	» Humidity Sensors	» pH Sensors	» Float Switches
			» IR Sensors
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