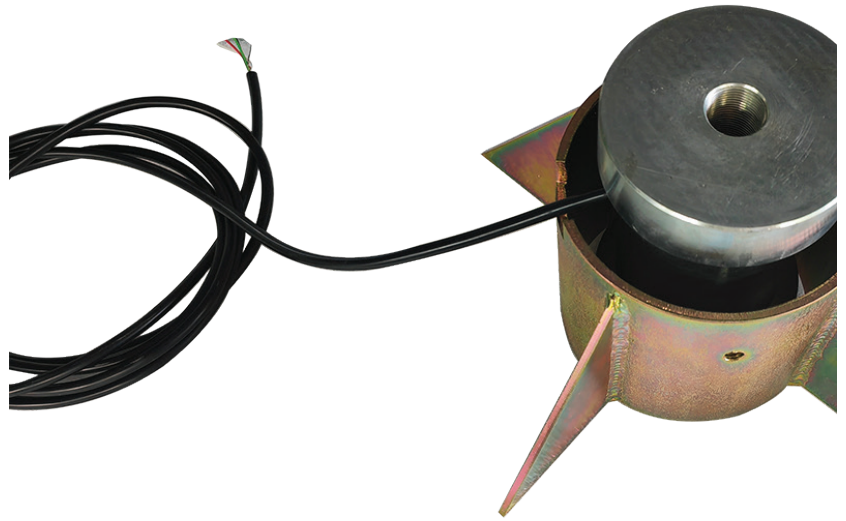


The GS-LC01 Loadcell is a robust and reliable monitoring instrument designed for measuring load forces within structural support systems. Engineered for long-term performance in demanding environments, it delivers accurate and stable load monitoring for applications such as dams, tunnels, foundation pits, and other critical infrastructure projects. With automatic temperature compensation and durable construction, the GS-LC01 provides dependable data to support structural safety, performance assessment, and ongoing geotechnical monitoring.



## FEATURES

<b>Automatic Temperature Compensation</b>	Temperature correction coefficient is smaller than the minimum reading, eliminating the need for manual temperature correction during use.
<b>High Measurement Stability</b>	Provides reliable and consistent load monitoring for long-term structural applications.
<b>Long-Term Monitoring Capability</b>	Suitable for continuous monitoring of load forces in demanding environments such as dams, tunnels, and foundation pits.
<b>Integrated Temperature Measurement</b>	Can simultaneously measure temperature at the embedding point during operation.
<b>Structural Load Monitoring</b>	Designed to monitor load variations in steel supports and other structural systems.

## SPECIFICATIONS

<b>Model</b>	GS-LC01
<b>Measurement Range</b>	1000KN, 2000KN, 3000KN, 4000KN, 5000KN
<b>Resolution</b>	0.05% FS
<b>Accuracy</b>	0.5% FS

## APPLICATIONS

The GS-LC01 Loadcell is suitable for long-term monitoring of load forces within structural support systems used in dams, tunnels, foundation pits, retaining structures, and other major infrastructure projects.

It provides accurate monitoring of load variations in steel supports and structural elements, helping engineers assess structural behaviour, safety, and performance over time.

The integrated temperature measurement capability also allows simultaneous monitoring of environmental conditions at the embedding point.

For more information about the GS-LC01 Loadcell or to discuss your project monitoring requirements, contact the team at CESCO Equipment. Our specialists can assist with product selection, technical advice, and tailored monitoring solutions for your application.