

Vibrating Wire Load Cell

Model GV-2409

Feature

- Proven long term stability and accuracy.
- Rugged Waterproof
- Not affected by cable length and resistance
- Compatible with data logger

Description

The model GV-2409 Vibrating Wire Load Cell consists of a cylinder of high-strength, heat treated steel with 3 or 4 VW strain gages located around the circumference of the cell body.

Geovan Load Cell is ideally designed to measure loads in tiebacks, anchors, struts, rock bolts and strands in structures.

Specification

Sensor type	Vibrating Wire Transducer
Standard range	50, 100, 150, 200 TON
Over range	1.5 times full scale without damage
Resolution	0.025% F.S.
Accuracy	±0.25% F.S.
Nonlinearity	±0.5% F.S.
Material of cell	SCM Steel
Operating temperature	-40 °C to 125 °C
Thermistor resolution	0.1 deg. C.
Excitation range	1200 ~ 3500 Hz
Optional model	GV-2409 Strut Load Cell

