



Solid Load Cell

Specifications

Type	Resistant
Rated output	1.5mV/V ± 1%
Nonlinearity	1% R.O.
Repeatability	0.3% R.O.
Recommended voltage	2 ~ 10V
Inputs resistance	350Ω ± 3.5Ω
Output resistance	350Ω ± 5Ω
Insulation resistance	2000MΩ
Operating temperature range	-20 ~ 100°C
Safe overload rating	150% R.O.

Introduction

The solid load cell is a full-bridge strain gauge sensor of four active resistors, 350 ohm each, equally distributed around the load cell central cylinder. This arrangement enhances the accuracy and responsiveness of the load cell. It is suitable for any increase load test in dry environment. The single signal output can be read manually or automatically.

Application

Suitable for monitoring of:

- Support load
- Pile load tests
- Universal testing machine

Type

Model	GHL-50T	GHL-100T	GHL-200T	GHL-300T	GHL-400T	GHL-500T	GHL-600T	GHL-1000T
Range (ton)	50	100	200	300	400	500	600	1000
Outer diameter (mm)	106	106	144	166	166	202	202	272
Height (mm)	85	100	120	130	140	150	160	230

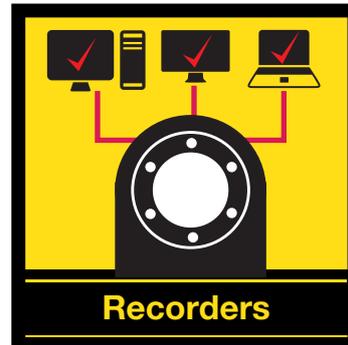
Features



Full-bridge strain gauge sensor for high degree of accuracy.



The load cell responds quickly to load.



Applicable to various kinds of DATALOGGER and PLC.



50 ~ 1600Ton.