

DATA SHEET

Strain Gauge Load Cells, 3.5 to 50 kN Cap.



82-P0375, 82-P0375_C

General description

The strain gauge load cells are used to measure the force applied. They provide a very accurate electrical signal strictly proportional to the applied load.

This kind of gauges are used in various test applications with low capacity universal testers.

High capacity load cells, normally used for calibration of compression machines, ranging from 300 to 5000 kN also available. See related products.

Two versions available: Standard and complete with traceable certificate of calibration (suffix /C)

Specifications

Model	Capacity	Top and lower connection thread	Dimensions Dia.x height	Weight Approx.
82-P0370 82-P0370/C	3.5 kN	M20x1.5	57x80 mm	1.5 kg
82-P0373 82-P0373/C	10 kN	M20x1.5	57x80 mm	1.5 kg
82-P0375 82-P0375/C	50 kN	M30x2	82x110 mm	4.45 kg
82-P0376/E	100 kN	M30x2	82x110 mm	4.45 kg

Products

82-P0370/C

3.5 kN capacity strain gauge load cell complete with calibration traceable certificate

82-P0373/C

10 kN capacity strain gauge load cell complete with calibration traceable certificate

82-P0370

3.5 kN capacity strain gauge load cell

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82-P0373

10 kN capacity strain gauge load cell

82-P0375

50 kN capacity strain gauge load cell

82-P0375/C

Connecting adapter load cell/cross head

82-P0376/E

100 kN capacity load cell with adapters for 70-T1192 UNIFRAME tester