GENERAL > GENERAL PURPOSE

LOADCELL

Code : G905

- Load cells are precision transducers designed to measure force or load in various testing and calibration applications. They convert mechanical force into electrical signals, facilitating accurate and reliable load measurements in both laboratory and field environments. These instruments are essential for ensuring the accuracy and integrity of force measurements across multiple disciplines.
- ALFA's load cells are constructed to meet stringent industry standards, ensuring high performance and reliability. They are suitable for a wide range of applications, including materials testing, structural analysis, and calibration of testing machines. Each load cell is supplied with a durable carrying case for protection and ease of transport.

STANDARDS

ASTM E74 • ISO 7500-1 • EN 10002-3 • AASHTO T22 • BS 1610

TECHNICAL SPECIFICATIONS

- Accuracy Class: Class 1 (per ASTM and EN standards)
- Output: Electrical signal proportional to applied load
- Construction: Robust design suitable for laboratory and field use

SUPPLIED WITH

- Touch Screen Digital Indicator featuring:
  - Unit Selection (kN / N / kgf / lbf)
  - Taring / Zeroing Option
  - Password-Protected Calibration
  - Real-time Data Transfer to PC for Reporting and Printing
  - Battery and Mains Operation
- Durable Carrying Case
- Calibration Certificate (Internationally Traceable)

ORDERING INFORMATION

Item	Code
LOADCELL with DIGITAL INDICATOR - 5 kN	G905X005D
LOADCELL with DIGITAL INDICATOR - 25 kN	G905X025D
LOADCELL with DIGITAL INDICATOR - 50 kN	G905X050D
LOADCELL with DIGITAL INDICATOR - 100 kN	G905X100D
LOADCELL with DIGITAL INDICATOR - 250 kN	G905X250D

LOADCELL with DIGITAL INDICATOR - 500 kN	G905X500D
LOADCELL with DIGITAL INDICATOR - 1000 kN	G905X01kD
LOADCELL with DIGITAL INDICATOR - 2000 kN	G905X02KD
LOADCELL with DIGITAL INDICATOR - 2000 kN (4-Channel EN Stability)	G905X42KD
LOADCELL with DIGITAL INDICATOR - 3000 kN	G905X03KD
SPARE LOADCELL INDICATOR	G905P001D

OTHER PHOTOS