

# 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 Name                                     | Item Code |
|-----------------------------------------------|-----------|
| SPARE LOADCELL INDICATOR                      | G905P001D |
| ELECTRONIC BOARD (PCB) for LOADCELL INDICATOR | G905P002D |
| LOADCELL - 100 kN                             | G905P003H |
| LOADCELL - 50 kN                              | G905P004H |
| LOADCELL - 5 kN                               | G905P005H |

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|--------------------------------------------------------------------|-----------|
| LOADCELL - 10 kN                                                   | G905P006H |
| LOADCELL - 20 kN                                                   | G905P007H |
| LOADCELL - 3 kN                                                    | G905P008H |
| LOADCELL - 200 N                                                   | G905P009H |
| LOADCELL with DIGITAL INDICATOR - 5 kN                             | G905X005D |
| LOADCELL with DIGITAL INDICATOR - 10 kN                            | G905X010D |
| LOADCELL with DIGITAL INDICATOR - 1000 kN                          | G905X01kD |
| LOADCELL with DIGITAL INDICATOR - 25 kN                            | G905X025D |
| LOADCELL with DIGITAL INDICATOR - 2000 kN                          | G905X02KD |
| LOADCELL with DIGITAL INDICATOR - 3000 kN                          | G905X03KD |
| 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 - 2000 kN (4-Channel EN Stability) | G905X42KD |
| LOADCELL with DIGITAL INDICATOR - 500 kN                           | G905X500D |

## **OTHER PHOTOS**

