



Handheld Digital Display

Code: [37-8315/10](#)

Product Group: [Calibration Devices](#)

- 7 digit LCD display (+/-9999990)
- With battery low, peak, trough, net & shunt calibration indicator
- Input: 5mV/V (50mV/V optional)
- Environmental protection: IP65
- 2 ranges/ engineering units
- Optional RS232 series data output
- Integrated TEDS (IEEE1451, template 33)
- Powered by 2 x AA batteries
- Compatible with most strain gauge based transducers
- Up to 25Hz display rate
- 450 hours battery life
- low power mode with 350ohm bridge connected
- auto sleep facility
- ex-stock availability
- 3 year warranty

The 37-8315/10 handheld display is a completely portable high precision instrument designed to work with all types load cells and strain gauge based transducers. The 7-digit LCD display makes it suitable for any monitoring application from general industrial up to high accuracy reference standards.

The 37-8315/10 comes packaged in a compact and enclosure which weighs only 260 grams and is powered by 2x 'AA' batteries that provide up to 450 hours of continuous operation in low power mode with a 350Ω load cell or strain gauge bridge connected.

For simplified use, the operator only has access to six keys; on/off, gross/net, peak, trough, hold and shunt cal. Calibration and configuration can be performed from the front panel, with protection against accidental or un-intentional changes. The configuration menu is very simple and enables the setting of a tare value, display resolution, filter rate, auto power off and selection of low power mode.

There are 3 calibration options; a single pass auto-calibration, entering of load cell sensitivity and corresponding display value and entering of offset and gain values for corresponding display values. The display also offers TEDS (Transducer Electronic Data Sheet) functionality allowing automatic calibration with any compatible sensor to which it is connected.

The 37-8315/10 has a dual range facility allowing for calibration in two different engineering units, i.e. lbs/kg, tonne/kN which offers the engineer the ability to tailor the instruments response to the application.

Accessories



2000 kN Load Calibration Device complete with Hand held Readout Unit & Cal Cert UKAS Traceable

Code: [37-8320](#)



2000 kN Load Calibration Device complete with Handheld Readout Unit & Calibration Certificate ISO376

Code: [37-8315](#)



300 kN Load Calibration Device Complete with Hand Held Readout Unit & Cal Cert to UKAS traceable

Code: [37-8310](#)



3000 kN Load Calibration Device Complete with Hand Held Readout Unit & Cal Cert to UKAS traceable

Code: [37-8400/10](#)



3000 kN Load Calibration Device Complete with Hand Held Readout Unit ISO376

Code: [37-8400](#)



600kN Load Calibration Device Complete with Hand Held Readout Unit & Calibration Certificate ISO376

Code: [37-8300](#)