



AC-2500

Main Features

AC-2500 is a portable, battery operated digital indicator supplied with charger/mains adaptor pack. The indicator is easy to use and operate. The digital display can be scaled for direct engineering units or up to 60,000 counts. The unit has a peak feature which captures the maximum value, in the follow position the unit reads the current value. The AC-2500 Mark IX comes standard with RS232 interface for data acquisition

Specifications

- Peak hold for capturing the maximum force applied
- Press button Zero
- 6 Digit LED display
- RS232
- Battery life better than ten hours operation between charges. Cell life better than five years with normal usage.
- Portable metal carry case dimensions: 230mm x 160mm x 160mm (L x W x D)

Load Cell Input Connector

- Pin 1 – Excitation +
- Pin 2 – Excitation -
- Pin 3 – N/C
- Pin 4 – Sense +
- Pin 5 – Shield
- Pin 6 – Sense -
- Pin 7 – Signal +
- Pin 8 – Signal -

RS232 Connection

- Pin 2 - TX
- Pin 3 - RX
- Pin 5 - Ground

Basic Operation

- Turn the power switch to the "ON" position
- Push the "Zero" button in to zero the output of the load cell
- Position the Follow / Peak toggle switch to the "Peak" position to read the maximum force applied or to the "Follow" position to read the current force being applied. To re-set the maximum displayed value simply flip to the "Follow" position and then back to the "Peak" position

Special Options

- Remote hold switch: comes with 2 meters of cable. By depressing the switch the display is locked and by depressing the switch again, the display tracks.
- Shunt Calibration Facility: Simply position the toggle switch to check the accuracy of the calibration