



AC-2012-05

## Specifications

- Peak Hold for capturing the maximum force applied
- Press Button Zero
- 6 Digit LED Display
- RS232
- 240 VAC Operation, optional AC/DC version
- Dimensions: 200 x 160 x 110mm (W x D x H)

## RS232 Connection

- Pin 2 - RX
- Pin 3 - TX
- Pin 7 - Ground

## RS232 Communication

- Baud Rate - 9600
- Data Bits - 8
- Start Bits - 1
- Stop Bits
- Parity Bits - None

## Basic Operation

- Connect the load cell cable
- Turn the power switch to the "ON" position
- Position the slide switch on the back panel to "COMP" for compression loading on the load cell and "TENS" for the tension loading on the load cell.

Note: The displayed value will be a positive number for both compression and tension loads. A positive number is required for the maximum peak load to be captured.

- 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

## Main Features

The AC-2012-5 is a AC/DC signal conditioner that is very 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-2002-3 comes standard with RS232 interface for data acquisition.



Rear 240AC Desk Version



Rear Rechargeable AC/DC Desk Version

## Load Cell Transducer 9 Pin Connection

- Pin 1 - Excitation -
- Pin 2 - Signal +
- Pin 3 - Signal -
- Pin 4 - Excitation +
- Pin 5 - Shield