

90323

PTI, PEAK TRACK INSTRUMENT

The model 90323 Peak Track Instrument is a general purpose sensor readout device designed to complement our AutoID line of load cells and torque sensors. AutoID is a term that indicates that the calibration information for a sensor is stored on a chip inside the sensor's connector. AutoID allows true "plug and play" operation without manual calibration procedures of any kind. The unit is also equipped with a 2 line alpha-numeric display and single button operation for simplicity.

SPECIFICATIONS

Digits 4 plus sign
 Conversion/Update Rates
 Peak 60 Conversions/sec
 Track 2 updates/sec
 Display Update Rate 2 per sec
 Signal Bandwidth (-3 dB) at 15 Hz
 Filter Type Delta-Sigma, 1st notch at 60 Hz
 Accuracy +/-0.01% of F.S.
 Operating temperature 0 to 120° F
 Temperature effect on zero and span ... +/-0.015% of F.S./°F
 Sensor interface.....
 Max input and F.S. +/- 6.0 mV/V
 Polarity Bi-polar
 Bridge excitation 2.5 V supplied
 Minimum bridge impedance 350 ohms
 Dimensions (inches) 2.8W x 1.0D x 4.7H
 Power 9V battery
 Weight (w/o battery) 3.9oz

FEATURES

- Continuous track and peak hold display
- Single button operation
- Automatic Plug and Play calibration with SDI's strain gage based Auto-ID sensors
- Automatic power-down
- Works with all full bridge strain gage based transducers

