

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, 1 st 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

