

## Short information:

### Dual T/C & RTD Calibrator PIECAL 525

Manufacturer: PIECAL

The Practical Instrument Electronics (PIE) Model 525 Dual T/C & RTD calibrator is the best on the market. It provides direct temperature calibration to all types of instruments such as transmitters, recorders, controllers, alarms, data acquisition and computer systems. Also, the Model 525 reads RTD & T/C outputs and displays temperature. It is compatible with pulsed systems and transmitters (like the Rosemount 3144). The PIE 525 has a PATENT PENDING feature for trouble shooting. The Auto Detection of 2, 3, or 4 wire connections will tell you if you have the wires correctly connected or misconnected. You can also select Auto Stepping which offers selectable step sizes and time in-between steps. The Model 525 is a superior replacement for decade boxes, and eliminates the need for lugging around large equipment and the possibility of misreading RTD tables.

The Practical Instrument Electronics (PIE) Model 525 offers the highest performance and functions in its class by exceeding the accuracy and functions of many higher priced T/C and RTD calibrators. It is a low cost solution for checkout and calibration of all T/C and RTD instruments in the field, shop or control room.

- **Accurate to  $\pm 0.2^{\circ}\text{C}$  ( $\pm 0.4^{\circ}\text{F}$ ) with  $0.1^{\circ}$  or  $0.01^{\circ}$  Resolution**
- Direct Temperature Input/Output
- Eight Standard T/C Types available - J, K, E, T, R, S, B, N and mV
- Eight RTD Curves available - Platinum, Copper, Nickel &  $\Omega$
- -13.000 to 80.000 mV and 0.000 to 400.000 $\Omega$
- **PATENT PENDING AUTO DETECTION OF 2, 3, OR 4 WIRE CONNECTION INDICATOR**
- Guaranteed to work with All Pulsed Instruments
- Works with a wide variety of transmitters including popular Rosemount and Honeywell Models
- Compatible with devices using pulsed excitation currents including PLCs, DCS, Recorders, and all others
- EZ-Dial™ knob easily adjust output by  $0.1^{\circ}$
- Pressing down and turning will select a faster dialing speed
- EZ-Check™ switch for 0% and 100% span adjustments
- Store new EZ-Check™ values by pressing the EZ-Dial™ Knob
- **Selectable Auto Stepping**
- Uses a standard 9V Alkaline Battery
- Superior battery life of 45 hours under typical continuous usage
- Easy access to battery compartment
- Lightweight, Rugged and Reliable
- Small, tough and protected to 60V

**Price on request**

**Article-No.: PIE 525**