



PIECAL 422

Automated Thermocouple Calibrator

Advantages of the PIECAL 422 over the Fluke 714



- **Larger display with backlight** - Easy viewing in dark locations
- **More accurate calibrations** - 2.5x more accuracy, wider ranges: 0.1° and 0.001mV resolution
- **Easier** - Just pick it up, flip the switches and turn the knob - no baffling buttons. Calibrate faster with single handed setting of Span & Zero.
- **Autostairing**
- **More compact with a non slip rubber boot and half the weight**
- **Calibrates more instruments between battery changes**
4 "AA" alkaline batteries provide 10x more battery life than a single 9V alkaline.
- **Advanced troubleshooting and error indication**
Secondary display of compensated millivolt setting and cold junction temperature for troubleshooting and calibration documentation. Error LED indicates out of tolerance errors and over voltage conditions due to misconnection.
- **6 additional thermocouple types**
- **Configurable cold junction compensation**
Disable internal cold junction to use the PIECAL 422 as a scaled millivolt source for use with ice point or half junctions in laboratory level calibrations
- **Protected against misconnection to AC voltage**
Warranted fuse-less protection against misconnection up to 60V. Fluke 714 rated only to 30V. Fluke requires fuse replacement and possible expensive recalibration or repair if exceeded.



Advantages of the PIECAL 422 over the Druck 821

- **More accurate calibrations** - 2x more accuracy, wider ranges; 0.1° and 0.001mV resolution
- **Easier** - Just pick it up, flip the switches and turn the knob - no baffling buttons. Calibrate faster with single handed setting of Span & Zero.
- **More compact with a non slip rubber boot and built-in stand**
- **Advanced troubleshooting and error indication**
Secondary display of compensated millivolt setting and cold junction temperature for troubleshooting and calibration documentation. Error LED indicates out of tolerance errors and over voltage conditions due to misconnection.
- **3 additional thermocouple types**
- **Configurable cold junction compensation**
Disable internal cold junction to use the PIECAL 422 as a scaled millivolt source for use with ice point or half junctions in laboratory level calibrations
- **Protected against misconnection to AC voltage**
Warranted fuse-less protection against misconnection up to 60V. Druck doesn't state an over voltage rating.



Practical Instrument Electronics

Please contact an authorized sales representative at 800-346-4620 or order at www.Instrumentation.com