



PIECAL 311

Automated Universal RTD Calibrator

Advantages of the PIECAL 311 over the Fluke 712



- **Larger display with backlight** - Easy viewing in dark locations
- **Easier to use** - Just pick it up, flip the switches and turn the knob - no baffling buttons. Calibrate faster with single handed setting of Span & Zero.
- **Compatible with more instruments**
Operates across a wider range of fixed and pulsed excitation currents for compatibility with old and new instruments. Guaranteed to work with Rosemount & Honeywell smart transmitters, all brands of PLCs and other multichannel devices.
- **More RTD types and wider temperature ranges**
0 to 4000 Ohms - includes full range of Cu 10 Ohm through Pt 1000 Ohm RTDs
- **Automatic stepping**
- **More compact with a non slip rubber boot and half the weight**
- **Calibrate twice as many instruments between battery changes**
4 "AA" alkaline batteries provide 2x more battery life than a single 9V alkaline.
- **Advanced troubleshooting and error indication**
Secondary display of ohms for troubleshooting and comparison to RTD tables. Error LED indicates out of tolerance errors and over voltage conditions due to misconnection.
- **Automatic detection of 2, 3 & 4 wire connections**
Easier hookups to unknown or older RTD sensors.
- **Protected against misconnection to AC voltage**
Warranted fuse-less protection against misconnection up to 60V. Fluke 712 rated only to 30V. Fluke requires fuse replacement and possible expensive recalibration or repair if exceeded.



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Practical Instrument Electronics

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