

Field Service/ Bench Repair

- To keep plants running smoothly, to maintain compliance with quality controls, to minimize down time and maximize efficiency, Process Instruments offers periodic maintenance and calibration service to process controls. By providing recurring service, field engineers develop a detailed knowledge of a customer's facility, and can expertly respond to any control problem that might arise. Service engineers are available 24 hours a day, 7 days a week, and the company's full resources are at their disposal to insure that critical processes are kept operating.
- Process Instruments' service personnel are experienced in repairing all types of industrial controls. Every instrument, subassembly and part leaving the facility is tested for conformance to its original specifications.
- Process Instruments has provided instrument repair service since 1964. The company maintains an extensive parts inventory and a large technical library to help keep repair time to a minimum. Specialized test fixtures provide duty cycling, insuring the reliability of all repairs. Repairs are warranted 90 days; rebuilds are warranted one year.

Infrared and Optical Pyrometry

- Process Instruments provides the highest quality calibration and repair to Optical Pyrometers and Rayotubes.
- Optical pyrometers can be calibrated from 800 to 2300°C using a NIST certified ribbon filament lamp and temperatures up to 3500°C using a carbon arc furnace.
- Infrared thermometers can be calibrated from -30°C to 1700°C.
- When your Quality Department needs certified non-contact temperature measurements let our A2LA certified lab provide certification of your temperature detecting equipment.

Temperature Calibration

- Process Instruments maintains primary temperature standards for the calibration of Standard Platinum Resistance Thermometers.
- Calibration baths allows calibration of thermometers and RTDs from -196°C to +500°C.
- Thermocouples can be calibrated from -80°C to 1250°C.



Electronic Calibration

- Process Instruments calibrates a wide variety of test & measurement equipment such as multimeters, oscilloscopes, frequency counters, signal generators, sensors, controllers, amplifiers, DC standards, calibrators, potentiometers and process control equipment.
- Process Instruments' is accredited to ISO/IEC 17025 and ANSI/NCSL Z540-1-1994, the successor to MIL-45662A.
- Process Instruments calibration technicians have over 40 years of diverse experience in the precision measurement and calibration field.

Dimensional Calibration

- Process Instruments calibrates Gage Blocks using a laser interferometer gage block comparator.
- Outside and Inside Micrometers, Depth Micrometers, Height Gages, Calipers and Dial Indicators can be repaired and calibrated to manufacturers' specs.
- Process Instruments calibrates End Rods, Ring & Plug Gages and many other dimensional standards.
- Process Instruments calibrates Torque Wrench's, Torque Screwdrivers and Torque calibrators.

Pressure Calibration

- Process Instruments' pressure calibration laboratory maintains primary deadweight standards with accuracies to 25 parts per million.
- High accuracy deadweight testers can calibrate pressure standards and gauges to 40,000 psi.

Legacy Leeds & Northrup, Honeywell, & Hagan Ring Balance

- Process Instruments has the world's most comprehensive support for Leeds & Northrup products. We provide technical, calibration, repair and instrument support. We can supply nearly all legacy L&N instruments and standards. We stock thousands of OEM replacement parts.
- Process Instruments offers unparalleled support for legacy Honeywell instruments. Both complete instruments and replacement parts discontinued by Honeywell are available from our extensive inventory. Please select one of the below links for types of products supported.
- Process Instruments provides parts, repair and technical support for Hagan Ring Balance meters and related products.
- Complete Ring Balance meters can be manufactured to order.

ISO 17025



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