

**INNOCAL®**  
INNOVATIVE CALIBRATION SOLUTIONS

**NIST-Traceable  
Calibration Reports**



InnoCal®, service provider for Oakton Instruments, is pleased to offer innovative solutions to satisfy your calibration and repair needs. Trust InnoCal to provide the documentation required to meet ISO, FDA, USDA, EPA, GLPs/GMPs, and other quality standards. Have equipment tested to ensure its accuracy or serviced to maintain optimal performance today!

**NIST-Traceable Calibration Certificates**

Order the catalog numbers listed on page 31 to have calibration reports provided with your new equipment purchase or schedule this service on previously purchased instruments by requesting a return authorization (RA) number.

Our detailed reports identify the instrument by model number, serial number, and company name. "As found/as left" test data, test procedures, calibration date, and technician number are also included.

**Repair Service**

Keep valuable equipment up and running with scheduled preventive maintenance and repair. Our experienced Service Technicians are factory trained on instrumentation theory and operation, and stay up to date on the latest product modifications.

All Metrology services are performed in an ANSI/ISO/IEC 17025:2005 accredited laboratory. Calibration reports are NIST-traceable unless otherwise stated. Accredited reports with calculated uncertainty measurements by test point are also available for many instrument parameters. Please contact us at 888-4oakton for details.



**Calibration Traceable to NIST**

Our commitment to quality and to the science of metrology is demonstrated by our utilization of highly trained, experienced metrologists using some of the most advanced methods and standards available. We provide you with the documentation you need to meet your most stringent quality requirements for the control of inspection, measuring, and test equipment. We will certify your new or existing instrument traceable to NIST standards.

**Calibration Report with test data, including:**

- ▶ description and identification of the item
- ▶ condition of the item as received
- ▶ identification of calibration procedure
- ▶ calibration date
- ▶ as found/as left test data
- ▶ electronic signature of technician
- ▶ statement of estimated uncertainty
- ▶ test uncertainties (TURs)
- ▶ list of standards used to perform calibration (including their calibration dates)



With today's high quality standards such as ISO 9000, calibration is becoming increasingly important. Traceability is not a timeless condition. It must be verified and maintained over the life of the instrument to ensure the highest accuracy possible. When you have your calibration done by InnoCal, we will send you an automatic reminder when it is time to recalibrate your instrument.

**Specialists in Instrument  
Calibration and Repair**

**Highest Quality...**

Lab is accredited to ANSI/ISO/IEC 17025:2005 by the American Association for Laboratory Accreditation (A2LA).



**Fast Service...**

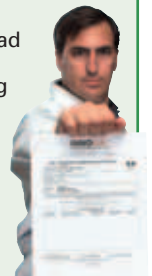
Most instruments serviced in five business days!

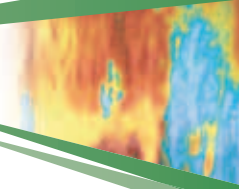
**Excellent Value...**

Extensive test data on a broad range of measurement parameters without breaking the bank!

**Reliable Support...**

Factory-trained technicians provide free diagnostic support and troubleshooting advice.





### NIST-Traceable Temperature Reports

Thermometry type	Certification test points <sup>1</sup> against NIST-traceable standards	Instrument Catalog number	Probe Catalog number	System (meter + probe) Catalog number
<b>J thermocouple</b>	Four test points at 0, 100, 230, 410°C (32, 212, 446, 770°F)	WD-17000-10	WD-17001-10	WD-17002-10
<b>K thermocouple</b>	Four test points at 0, 100, 230, 410°C (32, 212, 446, 770°F)	WD-17000-12	WD-17001-12	WD-17002-12
<b>T thermocouple</b>	Four test points at -20, 0, 100, 230°C (-4, 32, 446, 770°F)	WD-17000-02	WD-17001-02	WD-17002-02
<b>E thermocouple</b>	Four test points at 0, 100, 230, 410°C (32, 212, 446, 770°F)	WD-17000-14	WD-17001-14	WD-17002-14
<b>RTD</b>	0, 100, 165, 230°C (32, 212, 329, 446°F)	WD-17000-04	WD-17001-04	WD-17002-04
<b>Thermistor</b>	Three test points at 0, 40, 70°C (32, 104, 158°F)	WD-17000-06	WD-17001-06	WD-17002-06
<b>Infrared</b>	50, 100, 200, 230°C (122, 212, 392, 446°F)	WD-17004-00	WD-17004-10	WD-17004-20

<sup>1</sup>If instruments and/or probes cannot achieve the listed temperature, InnoCal will substitute other test points at our discretion.

### Additional NIST-Traceable Reports

NIST-traceable report for:	Certification test points	Catalog number
<b>General</b>		
Recorder, chart	Ten to fourteen test points (depends on range of recorder) volts (AC/DC) and amps (AC/DC)	WD-17100-00
Recorder, X-Y	Ten to fourteen test points (depends on range of recorder) volts (AC/DC) and amps (AC/DC)	WD-17100-10
Recorder, temperature	Use temperature certification catalog numbers from temperature table above	—
Timer/Stopwatch	Test data supplied in average seconds/day	WD-17060-00
<b>Temperature</b>		
Temperature datalogger	Three test points across range	WD-17002-20
Temperature transducer/transmitter	0.5°C or worse accuracy	WD-17101-36
	Better than 0.5°C accuracy	WD-17103-08
Handheld digital indicator	Four test points across range, -80 to 150°C (-112 to 302°F)	WD-17101-61
Scanning thermometer, 12-channel	Simulation temperature to mV or Ω	WD-17103-00
	Four temperature test points with probes, -80 to 1000°C (-112 to 1832°F)	WD-17103-12
Scanning thermometer, 24-channel	Simulation temperature to mV or Ω	WD-17103-02
	Four temperature test points with probes, -80 to 1000°C (-112 to 1832°F)	WD-17103-24
Hart®-style PRT	Per manufacturer's specifications	WD-17001-11
Temperature bath	Per manufacturer's specifications	WD-17001-13
<b>Humidity/Temperature</b>		
Thermohygrometer, handheld or benchtop	Three humidity test points (30, 60, and 80% RH) and one temperature test point at ambient (22 to 25°C)	WD-17030-20
Datalogger	—	WD-17030-24
Recorder	—	WD-17030-26
Digital/dial indicator	—	WD-17030-28