

METROLOGY LABORATORIES, INC.

**24 Norman Road
Rockaway, New Jersey 07866
Phone (973) 625-7930
Fax (973) 627-8466**

Metrology support to compliment instrument calibration, repair and preventive maintenance programs. Service can be performed at your site or in our laboratory.

CAPABILITIES

PRESSURE

(vacuum & pressure to 5,000 PSI)

**Transmitters
Gauges
Transmitters
Transducers
Indicators
Controllers
Recorders**

TEMPERATURE

(Range -20 °C to 205 °C Bathed)

(Range -40 °C to 700 °C Blocked)

**Controllers
Thermometers
RTDs
Thermocouples
Transmitters
Transducers
Indicators
Ovens (to 1500 °C)
Recorders**

HUMIDITY

(Range 0 % RH to 95 % RH Generated)

**Transmitters
Controllers
Transducers
Indicators
Data Loggers
Recorders**

RATE

Tachometers (contact & Photo)

Frequency

DIMENSION

**Calipers
Thickness Gauges
Micrometers
Steel Rules**

TIME

**Stopwatches
Indicators**

FLOW

**Fume Hoods
Indicators**

MASS

**Torque Testers
Balances/Scales
Moisture Balances
Hardness/Force Testers
Torque Wrenches (non-Rotary)**

ELECTRICAL

**Power Supplies
Multi-meters (up to 4.5 digits)
Amperage (clamp-on to 1000 amps)**

Equipment currently calibrated at other facilities...

Temperature/Humidity Controllers

Honeywell
Partlow
West
Omron
Watlow
Fuji
Love
Omega – CAL9000
Newport
Eurotherm
Red Loin Controls

Recorders

Honeywell – Trueline, DPR4200, DPR4300
Partlow
Omega / Newport / WhiteBox
Dickson
Yokogawa
Cobex
Weksler

Environmental Chambers

Forma Scientific
Harris Environmental Services
Bahnsen/ Environmental Specialties, Inc. (ESI)
Thermatron
Norlake Scientific
Fisher Scientific

Kaye Monitoring System

Temperature Sensors – Thermocouple T
Relative Humidity – Vaisala 4-20 mA Transmitters

Hanwell Monitoring System

Temperature & Relative Humidity Sensors/ Transmitters

Reese Monitoring System

Temperature & Relative Humidity Sensors/ Transmitters

DI Water System

Thornton – Temperature/Resistivity
Ashcroft – Pressure/vacuum
Rosemount – Level , DP
Tri-Clover- Pressure
Anderson - RTDs
Endress & Hauser – Level
Brandt – I/P

Glatt Fluid Bed Granulator

Samsomatic - Timer
DeBro – Temp. Recorder
Samson – Temp. Transmitter
Magnehelic - Diff. Press. Air Volume Indicator

Electronic Torque Tester

Sure Torque Inc. / Kaps-All
Secure Pak Inc. / Check-Line

Timers

Gra-Lab
Schliecher
Eagle Signal
ATC
Fisher Scientific
VWR Scientific

Moisture Balance

Computrac - Max 50
Computrac - Max 2000, 2000XL
Cenco
Metler

Klockner - Pentapack Unit Dose EAS

Omron - Digital Temp. Controller

Mixers/ Blenders

Lightnin
Gemco Blender
Lee
Collett
Tekmar
TOTE BIN Tumbler/Blender
Tri-Mix
Airpax
American Process Systems Ribbon Blender
QUADRO Comill

Handheld Meters

Shimpo - Digital Tachometer
Ametek - Digital Tachometer
Solomat – Multi-function indicator
Fluke – Multi-meters (10, 77, 87)
Vaisala - Temp/RH Indicator
Testo-Term - Temp/RH Indicator
Barnant – Temperature display
Fluke - Temperature Indicator – 51 & 52
Fluke - AC Current Probe
ACR – Trend readers
Mitutoyo & Starrett – Micrometers, Thickness, Calipers

Circulating Water Baths

NesLab
Blue M
Precision
Fisher Scientific
Haake
Lauda
Brookfield

Centrifuges

Octafuge
Heraeus
Fisher Scientific
VWR Scientific

Tablet Hardness Tester

Vector
Vanderkamp
Schleuniger
Distek