

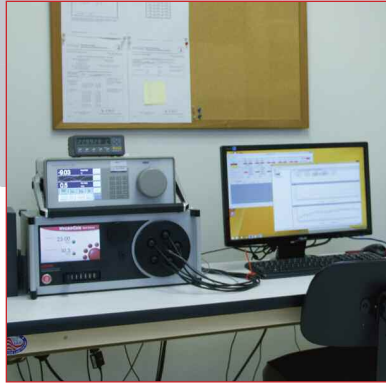
Rotronic Services



CALIBRATION SERVICES OFFERINGS

- **Standard Rotronic 17025 Laboratory Accredited Calibration**
 - 4 Point Relative Humidity, 1 Point Temperature Calibration
 - Lifetime Warranty available
- **Multi-Point Custom Calibrations Available**





CALIBRATION

Relevant regulations make routine and consistent calibrations a requirement. ROTRONIC offers you calibration services tailored to your needs and performed either at your premises or in an accredited ROTRONIC laboratory.

Calibration at the ROTRONIC laboratory

Rotronic's calibration laboratory in Hauppauge, New York is accredited by NVLAP to ISO/IEC 17025:2005 and ANSI/NCSL Z540-1-1994 standards for the calibration of humidity and temperature.

Customer benefits

- No site visit required
- Quick repairs and replacement of probes when necessary by factory trained technicians.
- Factory calibration
- Extended warranty

Extended Warranty

All HC2 probes calibrated at least once a year at the Rotronic Calibration Laboratory, or calibrated in the field by a Rotronic technician have a Lifetime Warranty. After a Rotronic appraisal, any probe not meeting Rotronic's stated specifications due to a manufacturing defect will be repaired or replaced at no charge to the customer.

Contact us now for expert advice on how to ensure that Rotronic Factory Calibration keeps your instruments performing at their best

ACCREDITED CALIBRATION SERVICE

Rotronic's calibration laboratory in Hauppauge, New York is accredited by NVLAP to ISO/IEC 17025:2005 and ANSI/NCSL Z540-1-1994 standards for the calibration of humidity and temperature.

The current scope of accreditation is as follows:



Located in a separate, climate controlled area, the environment inside of the calibration laboratory is constantly monitored and maintained. Throughout the calibration process Rotronic's proprietary software and algorithms ensure stable and reliable calibrations.

HUMIDITY HYGROGEN HG2

Relative Humidity Range @ 23C	Uncertainty (k=2)
4.5 - 5.5% RH	0.12% RH
9.5 - 10.0% RH	0.15% RH
14.5 - 15.5% RH	0.17% RH
24.0 - 26.0% RH	0.33% RH
34.0 - 36.0% RH	0.39% RH
49.0 - 51.0% RH	0.45% RH
64.0 - 66.0% RH	0.50% RH
79.0 - 81.0% RH	0.55% RH
84.0 - 86.0% RH	0.58% RH

Relative Humidity Range @ 20C	Uncertainty (k=2)
89.0 - 91.0% RH	0.65% RH
94.0 - 96.0% RH	0.74% RH

FIXED HUMIDITY TUNNELS

Relative Humidity Range @23C Fixed Humidity Tunnels	Uncertainty (k=2)
0.1...0.8% RH	0.21% RH
10.8... 11.8% RH	0.22% RH
34...36% RH	0.29% RH
79...81% RH	0.49% RH

Relative Humidity Range @23C Fixed Humidity Tunnels	Uncertainty (k=2)
0.1...0.8% RH	0.21% RH
10.8... 11.8% RH	0.22% RH
34...36% RH	0.29% RH
79...81% RH	0.49% RH

LABORATORY THERMOMETERS Temperature Measurement Device Calibration Standard Service

Temperature Range	Uncertainty (k=2)
21...27°C	0.065°C

Selected Point Service

Temperature Range	Uncertainty (k=2)
10°C	0.09°C
23°C	0.07°C
45°C	0.09°C