



# Edgetech Instruments

## Moisture and Oxygen Measurement Products and Services Overview

**Edgetech Instruments Inc.** is a world class, global company located in Hudson, Massachusetts, USA, with over 50 years experience in the design and manufacture of a comprehensive portfolio of dew/frost point, absolute and relative humidity moisture sensors with a complimentary line of analysis instrumentation. Today we utilize a wide range of sensing technologies to measure moisture as well as oxygen concentration and other physical parameters. For more information visit [www.edgetechinstruments.com](http://www.edgetechinstruments.com).



### Technologies Include:

**Chilled Mirror Dew/Frost Point Sensors:** Primary method, for highest accuracy, from laboratory standard to process and testing applications in permanent and portable packages

**Electrolytic Phosphorus Pentoxide Moisture Sensor:** For high accuracy in difficult trace moisture applications, in remotely mounted transmitter or battery portable packages

**Polymer Relative Humidity Sensor:** For air and environmental applications, with temperature and pressure measurement and with a replicable sensor, in a compact transmitter package

### Services Include:

**Recertification, Recalibration and Replacement Sensors:** For Edgetech Instruments Inc. analyzers as well as those made by other major manufacturers, performed in an ISO/IEC 17025:2017 accredited ISO 9001:2015 registered calibration laboratory

### Product Applications Include:

Compressed air drier efficiency  
Furnace control and heat treating  
Pharmaceutical manufacturing  
Injection molding and plastics  
Materials and product testing  
Engine test cells and octane testing  
Glove box environment

Medical air and gas purity  
Atmospheric analysis  
Semiconductor manufacturing  
Air separation quality assurance  
Laboratory analysis and metrology  
HVAC test cells and system control  
Process measurement and control

Toll Free: 800-276-3729 Ph: 978-310-7760 Fax: 978-310-7767  
E-mail: [CustomerFirst@edgetechinstruments.com](mailto:CustomerFirst@edgetechinstruments.com)  
Web: [www.edgetechinstruments.com](http://www.edgetechinstruments.com)



**Edgetech Instruments**  
ISO 9001:2015 Registered  
ISO/IEC 17025:2017 Accredited



# Products and Services Overview



## DewTrack II Wall Mount

**Chilled Mirror Dew/Frost Point or RH Transmitter**  
For industrial, process and environmental applications. Primary method, high accuracy.

## DewTrack II With Remote Sensor

**Chilled Mirror Dew/Frost Point Transmitter**  
Multiple sensor options. Primary method, high accuracy.



## DewTrack II MO

**Chilled Mirror Dew/Frost Point Transmitter for Motor Octane**  
For monitoring air intake moisture content and barometric pressure in CFR Engines.

## DewTrack II Duct Mount

**Chilled Mirror Dew/Frost Point Transmitter for HVAC**  
Duct mounting. Primary method, high accuracy. Low maintenance.



## COM.AIR

**Industrial Grade Chilled Mirror Hygrometer for Compressed Gas**  
Automatic Balance Control. Dew/frost point, temperature pressure.

## Model 1500

**Portable Chilled Mirror Hygrometer**  
Automatic Balance Control Dew/frost point, RH, PPM, temperature, pressure. Battery operated or ac powered.



## DPM-99

**Medical Grade Chilled Mirror Hygrometer for Compressed Gas**  
Exceeds NFPA 99 specification for medical gas service. Hospital gas purity.

## OxyTran Transmitter

**Trace Oxygen Content**  
For process gas streams. Auto-ranging. Suitable in hazardous areas. Panel mount, with sampling systems.



## ELH

**Precision Controlled Humidity and Temperature Chambers**  
Calibration, humidity soak or material testing. NIST traceable temperature, humidity and dew/frost point. Includes DewMaster Hygrometer. Multiple sizes. Programmable humidity and temperature cycles.

## DEWGEN

**Portable Dew/Frost Point Generator**  
Self-Sufficient Dew/Frost Point Generator for calibrating probes/sensors. Can be coupled with the DewMaster.



# Products and Services Overview

**Edgetech Instruments services most major brands of hygrometers with our quick and friendly Rapid Response Customer Service.**

Dew/frost point, humidity, temperature and oxygen content recertification and calibration services are performed in the USA, in our ISO/IEC 17025:2017 accredited, ISO 9001:2015 registered calibration laboratory.

Edgetech Instrument's calibration laboratory is accredited to the ISO/IEC 17025:2017 standard by Perry Johnson Laboratory Accreditation, Inc.

ISO/IEC 17025:2017 is the standard for which calibration laboratories must hold accreditation in order to be deemed technically competent. This formal accreditation is recognition of Edgetech Instruments Inc.'s calibration laboratory's competence and adherence to the Standard.

All recertifications and calibrations are traceable to NIST, assuring the highest level of accuracy and confidence.

Special services include high accuracy calibrations and startup assistance with product training.



Toll Free: 800-276-3729 Ph: 978-310-7760 Fax: 978-310-7767  
E-mail: [CustomerFirst@edgetechinstruments.com](mailto:CustomerFirst@edgetechinstruments.com)  
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