



Temperature & Process Instruments, Inc.



Temperature & Process Instruments, Inc.
Visit our **NEW** Online Store at

www.tnp-instruments.com

And Find our New Indoor Air Quality (IAQ)
Line of CO and CO₂ Instruments to meet

your application needs

You will also find sensors and instruments for all your Temperature and Process needs Including:

- ▶ Portable and Fixed Mount Infrared Thermometers
- ▶ Handheld or Benchtop Multifunction Temperature and Process Calibrators
- ▶ Head Mounted or Din Rail Mounted Temperature Transmitters
- ▶ MIST Series Microprocessor based Integrated Sensor Transmitter
- ▶ Single Function Handheld Thermocouple, RTD and Process Loop Calibrators
- ▶ Portable and Fixed Mount Infrared Thermometers
- ▶ Portable and Laboratory Dry Block Calibrators
- ▶ Temperature and Process Panel Meters
- ▶ New Combustible Gas and Refrigerant Detectors

Temperature & Process Instruments Inc.

1767 Central Park Avenue
Suite 112

Yonkers, NY 10710

Phone: 1-914-673-0333 Fax: 1-866-292-1456

Web Site: <http://www.tnp-instruments.com>

Portable Humidity and Air Flow Instruments

Highly Accurate, Durable, Compact, and User-friendly Hand Held Instruments for Measuring Humidity and Air Flow

NEW Vane Mini Air PRO LV-100 Series Vane or Hot Wire Thermo-Anemometer

- ▶ Five Models to Choose From
- ▶ Measure Air Velocity and Temperature

Price Start at **\$379.00**



NEW HD-100S Humidity, Dew Point and Temperature Thermo-Hygrometer

- ▶ Measure Humidity, Dew Point and Temperature
- ▶ Selection of units (temperature and dew point)
- ▶ Minimum and maximum values
- ▶ Large ICE BLUE backlight Display

Price Start at **\$350.00**

For your convenience
Temperature & Process Instruments, Inc. accepts
these major credit cards. Visit us at:
<http://www.tnp-instruments.com>



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AQ-200 Series Multifunction Indoor Air Quality Meter

The New advanced AQ-200 Series multifunction IAQ meters measures carbon dioxide, ambient temperature, current and voltage. Optional probes include Carbon Monoxide and Humidity which, when used, makes the AQ-200 a true multifunction Indoor Air Quality Instrument, ideal for Inspectors, HVAC, Laboratories, Offices, Greenhouse, Residential Commercial, Hospitals and anywhere that high levels of carbon dioxide are generated.



Price Start at **\$1035.00**

Features

- ▶ Choose One of Three Pre-Configured Kits
- ▶ CO₂ measurement 0 to 5000ppm
- ▶ Measure Ambient Temperature 0 to 176°F (-18 to 80°C)
- ▶ Measure Current and Voltage
- ▶ Data Logging Store up to 8000 Points
- ▶ User-Friendly "Joystick" Navigation
- ▶ Large ICE BLUE backlight Display
- ▶ Optional Humidity and Carbon Monoxide Probes

Specifications

CO₂ Measuring Range: 0 to 5000ppm

Accuracy: ±3 % of reading ±50ppm

Resolution: 1ppm

Model	Description	Price
AQ200	CO ₂ and Temperature	\$1035.00
AQ200P	CO ₂ Temperature and Humidity	\$1440.00
AQ200CO	CO ₂ Temperature, Humidity and CO	\$1849.00

For Additional Models and Specifications

Visit our Web site at:

<http://www.tnp-instruments.com>

AMI 300 Complete Multifunctional Instrument for Indoor Air Quality



Portable AMI 300 Complete Multifunction Indoor Air Quality Instrument

BUILD YOUR OWN TOOL:

Interchangeable Probes including Air Flow Probes, Carbon Monoxide (CO), Carbon Dioxide (CO₂) Probes, Pressure Modules, Humidity Probes, Thermocouple Module with 4 Inputs (J, K, T), Current and Voltage Module

The new advanced AMI 300 multifunction meter is the key tool for all professionals in HVAC and industry fields. The AMI 300 can measure, store up to 12,000 values, and restore on PC (wireless communication) up to six parameters alternately. It can be equipped with interchangeable measurement modules which are individually calibrated and are automatically recognized by the instrument thanks to the Smart-plus system.

For Additional Models and Specifications
Visit our Web site at:
<http://www.tnp-instruments.com>

AMI 300 Complete Multifunctional Instrument for Indoor Air Quality

AIM 300 Base Unit Includes

- ▶ Current/Voltage Module
- ▶ Pressure Module -200 to +200 inH₂O
- ▶ One Thermocouple (J, K or T) Channel

Additional Probes Modules

- ▶ Optional CO/Temp Probe 0 to 1000ppm (1ppm Resolution)
- ▶ Optional CO₂/Temp Probe 0 to 5000ppm (1ppm Resolution)
- ▶ Optional CO₂/Temp/Humidity Probe
- ▶ Interchangeable Pressure Modules
- ▶ Optional Thermocouple Module with 4 Inputs for J, K or T Thermocouples
- ▶ Optional Climate Module (Ambient: Temp, Humidity, Air Pressure)
- ▶ Optional Optical Tachometry Speed Probe (RPM, non-contact)
- ▶ Optional Contact Tachometry Speed Probe (RPM)
- ▶ Hot-Wire Probe (12")
- ▶ Optional Telescopic Gooseneck "hot-Wire" Probe
- ▶ Vane Air Velocity Probes
- ▶ Optional Hygrometry (Humidity & Temp) Probes



Price Start at \$775.00

Model	Description	Price
AMI 300	Multifunction IAQ Meter	\$775.00
Optional Probes		
SCOT	Carbon Monoxide and Temperature probe	\$469.00
SCO2T	Carbon Dioxide and Temperature probe	\$600.00
SCO2TH	Carbon Dioxide, Temperature and Hygrometry probe	\$869.00
HET 14	14mm telescopic 0.6 to 40m/s Air Velocity Probe	\$609.00

Base Unit AIM 300 is supplied with voltage/current module (0 to 10V, 4-20mA), voltage and current input cables, 2 Pt100 channels (-100 to 400°C), PC output, adjusting certificate and transport case.

For Additional Models and Specifications
Visit our Web site at:
<http://www.tnp-instruments.com>

AQ-100S Carbon Dioxide and Ambient Temperature Meter

New AQ-100S Carbon Dioxide and Ambient Temperature Hand Held Meter

The New advanced AQ-100S carbon dioxide and ambient temperature meter is portable, highly accurate, durable, compact and user-friendly. A hand held instrument designed to meet the needs of testing professionals in ANY Air Quality applications. Ideal for Inspectors, Laboratories, HVAC, IAQ, Greenhouse, Offices, Commercial, Residential, and many more where carbon dioxide build up can cause environmental hazardous and safety concerns.

Features

- ▶ Carbon Dioxide measurement 0 to 5000ppm
- ▶ Measure Temperature 0 to 176°F (-18 to 80°C)
- ▶ Minimum and Maximum Values
- ▶ IP54 Housing

Specifications

CO₂ Sensor: Infrared sensor (Non dispersive - infrared sensor NDIR)

CO₂ Measuring Range: 0 to 5000ppm

Accuracy: ±3% of reading ±50ppm

Resolution: 1ppm

Temperature Range Range: 0 to 176°F (-18 to 80°C)

Probe Length: 12"

Model	Description	Price
AQ-100	CO ₂ and Temperature Meter	\$619.00

Each Unit Includes: Integral 12" long probe, Carrying Case, 9 V battery, and instruction manual

For Additional Models and Specifications
Visit our Web site at:
<http://www.tnp-instruments.com>



Price Start at \$619.00