



Temperature & Process Instruments, Inc.



Temperature & Process Instruments, Inc.

Visit our **NEW** Online Store at
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And Find our New Combustible Gas and Refrigerant Line of Instrumentation 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 Indoor Air Quality (IAQ) Instrumentation

Temperature & Process Instruments Inc.
1767 Central Park Avenue
Suite 112

Yonkers, NY 10710

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

750A Hand Held Refrigerant Leak Detector

750A Hand Held Refrigerant Leak Detector

Applications

- Check for leaks in refrigeration systems
- Test for leaks in air conditioning systems and cooling units
- Find leaks in automotive air conditioning systems

Features

- ▶ One hand operation
- ▶ Capable of detecting all existing refrigerant and blends including 404A, PURON® and R-507 (AZ50®)
- ▶ Fully adjustable tic rate to eliminate background concentration and pinpoint leaks
- ▶ Field replaceable sensor tips for easy maintenance

The TPI 750A is a state-of-the-art refrigerant leak detector capable of detecting all halogen based gases. Selectable sensitivity combined with an adjustable tick rate will allow any service professional to pinpoint those tough to find leaks even in contaminated environments. The 750A features 400 hour sensor life under normal use and can detect leaks as small as 0.2 ounces per year (R134a / R22).

Specifications

Sensitivity: 0.2 oz /yr (R22 / R134a)

Pump Driven: No

Goose Neck Length: 16"

| Model | Description | Price |
|---------|---------------------------|----------|
| TPI750A | Refrigerant Leak Detector | \$140.00 |

Each Unit includes, soft pouch carrying case, batteries, spare sensor and operators manual

For Additional Models and Specifications

Visit our Web site at:

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



Price Start at \$140.00

753A Hand Held Refrigerant Leak Detector

753A Hand Held Refrigerant Leak Detector

Capable of detecting all existing refrigerant and blends including 404A, PURON® and R-507 (AZ50®)

Applications

- Check for leaks in refrigeration and air conditioning systems

The TPI 753A is a state-of-the-art refrigerant leak detector capable of detecting all halogen based gases. Selectable sensitivity combined with audio and visual leak indicators will allow any service professional to pinpoint those tough to find leaks even in contaminated environments. The 753A features 400 hour sensor life under normal use and can detect leaks as small as 0.1 ounces per year (R134a/R22).

Specifications

Sensitivity: 0.1oz /yr (R22 / R134a)

Pump Driven: Yes

Goose Neck Length: 16"

Adjustable Tic Rate: Yes

Leak Indication: Audible and Visual

Size: 3.0" x 9.5" x 2.28" (77 x 240 x 58) mm

Weight: 1.1 lbs (500g)

| Model | Description | Price |
|---------|---------------------------|----------|
| TPI753A | Refrigerant Leak Detector | \$199.00 |

Each Unit includes, soft pouch carrying case, batteries, spare sensor and operators manual

For Additional Models and Specifications

Visit our Web site at:

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



Price Start at \$199.00

720B Hand Held Combustible Gas Leak Detector

TPI 720B Hand Held Combustible Gas Leak Detector

Applications

- Detect combustible gasses including natural gas methane, propane (LPG), gasoline, diesel, and kerosene
- Trace natural gas lines and fittings for leaks
- Check gas generation for leaks

The TPI 720B is an advanced state-of-the-art leak detector capable of detecting many combustible, non-combustible and toxic gases. The following is a partial list of gases that the TPI 720B is sensitive to: Acetone, Alcohol, Ammonia, Steam, Carbon Monoxide*, Butane, Gasoline, Jet Fuel, Hydrogen Sulfide, Smoke, Industrial Solvents, Methane, Lacquer Thinner, Naphtha, Propane and Natural Gas.

Features

- ▶ Instant response
- ▶ 10ppm (methane) Sensitivity
- ▶ Audio and Visual alarm indication with user adjustable alarm point.
- ▶ Thumb-wheel adjustable tic rate to locate leaks quickly and accurately
- Simple One Hand Operation

Specifications

Sensor Type: Low power semiconductor

Sensor: Solid State

Sensitivity: 10ppm Methane

Leak Indication: Audio and Visual

| Model | Description | Price |
|---------|-------------------------------|----------|
| TPI720B | Combustible Gas Leak Detector | \$150.00 |

Each Unit includes, soft pouch carrying case, batteries, operators manual.



Price Start at **\$150.00**

Multifunction Ambient Carbon Monoxide and Combustible Gas Detector

Multifunction TPI 775 Ambient Carbon Monoxide and Combustible Gas Leak Detector

Measure carbon monoxide and find combustible gas leaks with one tester. The TPI 775 combines combustible gas leak detection with ambient Carbon Monoxide measurement and is the first of its kind to combine these technologies in one easy to use affordable hand-held instrument.

Features

- ▶ One hand easy to use
- ▶ Fast Response Time
- ▶ 2 Line LCD Display
- ▶ Auto and Manual Zero
- ▶ Test for Combustible Gasses Detected (Partial List) Methane, Natural Gas, Gasoline, Diesel, Propane (LPG), Butane, Kerosene
- ▶ Visible and Audible High and Low Alarm Included
- ▶ Combination Ambient CO and Combustible Gas Leak Detector

Sensor Specifications

Leak

Resolution: <50ppm

Range: 0 to 50,000ppm

Accuracy: ±10%

Carbon Monoxide

Resolution: 1ppm

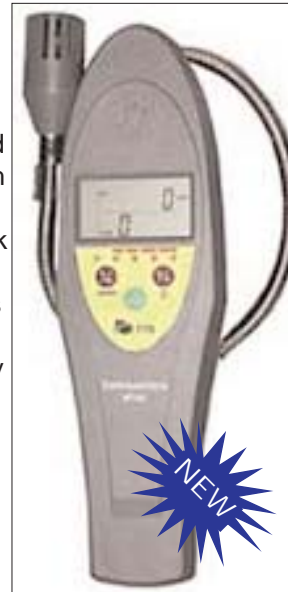
Range: 0 to 2000ppm

Accuracy: ±5ppm or 5% whichever is greater

| Model | Description | Price |
|--------|--|----------|
| TPI775 | Combustible Gas Leak Detector Ambient Carbon Monoxide | \$375.00 |

Each Unit includes, soft pouch carrying case, batteries, operators manual.

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Price Start at **\$375.00**

Portable INDOOR AIR QUALITY Test and Measurement Instrumentation

AQ-200 Series Multifunction Indoor Air Quality Hand Held Meter

Portable AQ-200 Series CO₂, Temperature and Current/Voltage Meter is ideal for checking air quality in office, factory buildings, greenhouses, hospitals and anywhere that high levels of carbon dioxide are generated.

Features

- 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
- Adjustable automatic shut-off
- IP54 Housing
- Optional Humidity and Carbon Monoxide Probes

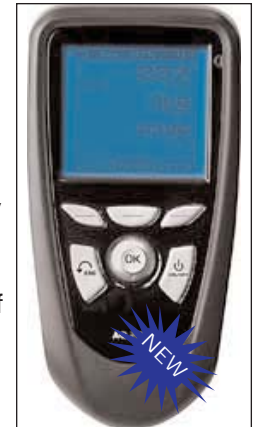
| Model | Description | Price |
|---------|--|-----------|
| AQ200 | CO ₂ and Temperature | \$1035.00 |
| AQ200P | CO ₂ Temperature and Humidity | \$1440.00 |
| AQ200CO | CO ₂ Temperature, Humidity and CO | \$1849.00 |

For your convenience

Temperature & Process Instruments, Inc. accepts these major credit cards. Visit us at:
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Price Start at **\$1035.00**