

**F 1010  
Accutherm  
04.10**



**accutherm**  
INTERNATIONAL

Unit 1/5 Samantha Court  
Knoxfield 3180  
Victoria Australia  
Phone +61 3 9763 6335 • Fax +61 3 9763 8003

*Delivering test and measurement advantages for HVAC/R professionals worldwide*

**Test the TPI advantage**



#### APPLICATIONS

- Check ambient CO and CO2 levels in work and living spaces
- Monitor results of air control systems
- Ambient air temperature and Humidity
- Test dew point and wet bulb humidity

Test Products  
International, Inc.  
Headquarters:  
9615 SW Allen Blvd.  
Beaverton, OR 97005  
USA

503-520-9197  
Fax: 503-520-1225

email:  
info@tpi-  
thevalueleader.com

**www.tpi-  
thevalueleader.com**



## IAQ Meter

#### FEATURES & BENEFITS

- Calculate percent outside air to maintain acceptable CO2 levels in buildings and work spaces
- Measure and display Carbon Dioxide (CO2) and Carbon Monoxide
- Measure ambient air temperature
- Measure relative humidity, dew point and wet bulb
- Log up to 10,000 readings in 1 second to 1 hour intervals
- Download to a computer using the A368 USB cable

#### MEASUREMENTS

**CO2**  
**Temperature**  
**Relative Humidity**  
**Dew Point**  
**Wet Bulb**  
**CO**

#### RANGES

0 to 5000ppm  
-4 to 140°F (-20 to 60°C)  
5 to 95%  
-47 to 135°F (-44 to 57°C)  
3 to 135°F (-16 to 57°C)  
0 to 500ppm



# Indoor Air Quality (IAQ): air flow, humidity, temperature, CO<sub>2</sub>, & CO, particle counters

PRODUCT NO.	MEASUREMENTS	RANGES	FEATURES & BENEFITS	APPLICATIONS
<b>1010</b> Handheld Indoor Air Quality Meter w/ CO and humidity measurement	<b>CO<sub>2</sub></b> <b>Temperature</b> <b>Relative Humidity</b> <b>Dew Point</b> <b>Wet Bulb</b> <b>CO</b>	0 to 5000ppm -5 to 140°F (-20 to 60°C) 5 to 95% -47 to 135°F (-44 to 57°C) 3 to 135°F (-16 to 57°C) 0 to 500ppm	<ul style="list-style-type: none"> <li>• Measure and display Carbon Dioxide (CO<sub>2</sub>) and Carbon Monoxide</li> <li>• Measure ambient air temperature</li> <li>• Measure relative humidity, dew point, and wet bulb</li> <li>• Log up to 10,000 readings in 1 second to 1 hour intervals</li> </ul>	<ul style="list-style-type: none"> <li>• Check ambient CO and CO<sub>2</sub> levels in work and living spaces</li> <li>• Monitor results of air control systems</li> <li>• Ambient air temperature and Humidity</li> <li>• Test dew point and wet bulb humidity</li> </ul>
<b>1008</b> Handheld Indoor Air Quality Meter	<b>CO<sub>2</sub></b> <b>Temperature</b>	0 to 5000ppm -5 to 140°F (-20 to 60°C)	<ul style="list-style-type: none"> <li>• Measure Carbon Dioxide (CO<sub>2</sub>) levels</li> <li>• Measure ambient air temperature</li> <li>• Log up to 48 readings in 30 minute intervals</li> </ul>	<ul style="list-style-type: none"> <li>• Check ambient CO<sub>2</sub> levels in work and living spaces</li> <li>• Monitor results of control systems</li> <li>• Measure Ambient air temperature</li> </ul>
<b>597C1</b> Digital Hygrometer/ Psychrometer	<b>Relative Humidity (RH)</b> <b>Ambient Temperature</b> <b>Dew Point</b> <b>Wet Bulb</b>	0 to 100% -40°F to 176°F -40°C to 80°C -40°F to 176°F -40°C to 80°C 41°F to 140°C 5°C to 60°C	<ul style="list-style-type: none"> <li>• Data record function for maximum &amp; minimum temperature of humidity reading</li> <li>• Serial output through RS-232</li> <li>• 39" cable length, hard wired</li> <li>• Auto power off</li> <li>• Protective rubber boot</li> </ul>	<ul style="list-style-type: none"> <li>• Building maintenance</li> <li>• Computer rooms</li> <li>• Heating &amp; air conditioning systems</li> <li>• Bakeries</li> <li>• Humidistats calibration</li> </ul>
<b>575C1</b> Digital Combo vane & hotwire anemometer	<b>Air Velocity</b> <b>Temperature</b>	Vane: 1.3 to 80 fps 0.4 to 25m/s HotWire: 0.7 to 65 fps 0.2 to 20m/s -5°F to 175°F (-20°C to +80°C)	<ul style="list-style-type: none"> <li>• Data record function for maximum &amp; minimum temperature of humidity reading</li> <li>• Serial output through RS-232</li> <li>• 39" cable length, hard wired</li> <li>• Auto power off</li> <li>• Protective rubber boot</li> </ul>	<ul style="list-style-type: none"> <li>• Building maintenance</li> <li>• Computer rooms</li> <li>• Heating &amp; air conditioning systems</li> <li>• Bakeries</li> <li>• Humidistats calibration</li> </ul>
<b>556C1</b> Digital Vane Anemometer	<b>Air Velocity</b> *Low friction ball Conventional twist vane wheel <b>Temperature</b> * Precision thermistor <b>Air Flow</b> <b>Area</b>	1.3 to 100 f/s 0.4 to 30 m/s -5°F to 175°F -20°C to 80°C 0 to 999.900 CMM & CFM 0.001 to 9,999	<ul style="list-style-type: none"> <li>• Compact and rugged housing</li> <li>• Easy to read LCD</li> <li>• Measure air velocity, air flow with area and temperature simultaneously</li> <li>• Record &amp; recall Max, Min, &amp; Avg</li> <li>• Data logger and log send function</li> <li>• Data hold</li> <li>• Auto power off (10 min.)</li> <li>• Low battery display</li> <li>• Multiple measuring units: (m/s, k/h, mile/h, knots, ft./min) CMM (cubic meter minute)</li> <li>• Download to a computer using the RS-232 port and optional A500 cable</li> <li>• 39" cable length, hard-wired</li> </ul>	<ul style="list-style-type: none"> <li>• Air velocity measurements in heating, ventilation, and air conditioning systems</li> <li>• Air duct analysis</li> <li>• Fume hoods</li> <li>• Floor registers</li> <li>• Exhaust grills</li> </ul>



1010



1008



575C1



556C1



1020

PRODUCT NO.	SPECIFICATIONS	FEATURES & BENEFITS	APPLICATIONS
<b>1020</b> Handheld Particle Counter	<b>Particle Size Range:</b> 0.3, 0.5, 1, 2, 5 micron size selectable <b>Concentration Range:</b> 0 to 3,000,000 particles per cubic foot <b>Sensitivity:</b> 0.3 microns <b>Display:</b> 16 character 2 line LCD	<ul style="list-style-type: none"> <li>• Single channel with ranges of 0.3, 0.5, 1, 2, 5 microns capable of showing cumulative particle counts</li> <li>• USB2 output</li> <li>• Simple menu system to select particle sizes and sample time</li> </ul>	<ul style="list-style-type: none"> <li>• Controlled environment</li> <li>• Indoor air quality</li> <li>• Process control</li> <li>• Filter testing</li> <li>• Compliance testing</li> <li>• Emission sourcing</li> <li>• Remote sampling</li> </ul>



To learn about the entire line of TPI products visit:  
[www.tpi-thevalueleader.com](http://www.tpi-thevalueleader.com)

TPI offers a complete line of CO, combustible gas, Combustion efficiency, refrigeration leak detectors, digital manometers, temperature (contact and IR), IAQ (temperature, humidity, air flow), handheld oscilloscopes, DMMs, Clamp-on's and accessories