

# Barometer

## Measure temperature, humidity, barometric pressure and dew point

- Relative humidity range is 10.0 to 95.0%RH with a resolution of 0.1% and an accuracy of  $\pm 3\%$ RH mid-range to  $\pm 4\%$ RH elsewhere
- Temperature range is 32.0 to 122.0 and 0.0 to 50.0°C with a resolution of 0.1° and an accuracy of  $\pm 1^\circ\text{C}$
- Dew point range is 13.5 to 120.1°F and -25.3 to 48.9°C with a resolution of 0.01°
- Barometer measures pressure in 3 different units:  
Inches of mercury (inHg) from 0.29 to 32.48 with a resolution of 0.01, millibars (hPa) from 10.0 to 1100 with a resolution of 0.1 and 1 hPa, and millimeters of mercury (mmHg) from 7.5 to 825.0 with a resolution of 0.1 mmHg

## Lightweight and compact

- Compact design features an electronic capacitance polymer film sensor not affected by condensation
- Tough ABS plastic housing and water-resistant design with o-ring seal and membrane keypad assures a long life in severe lab or harsh plant environments
- HOLD button freezes the reading on the display. High contrast 3/8-inch high LCD digits are easy to read. At the press of a button, unit recalls minimum/maximum readings
- Rugged ABS plastic case is 1-1/2 x 8 x 1-1/2 inches; weight is 5 ounces. Supplied with a Traceable® Certificate and four AAA batteries



To assure accuracy, an individually serial-numbered Traceable® Certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology).

Thomas No.	Description	Each
1227U10	Hygrometer-Thermometer Barometer-Dp	1