

## Vaisala Instruments for the Automotive Industry



- Over 40 years of experience in industrial humidity measurements
- Market-leading product selection
- ISO/IEC 17025 accredited calibrations
- Fast deliveries – one week

### Dynamometer Rooms

Dyno testing often occurs at very low and very high temperatures. The Vaisala HUMICAP® Humidity and Temperature Series HMT330 provides operating ranges wide enough to accommodate virtually any test condition.

- $\pm 1\%$  RH accuracy, traceable calibration (certificate included)
- Unique warmed probe for near-condensing conditions
- Optional graphical display of history and measurement



*Vaisala HUMICAP® Humidity and Temperature Series HMT330 for excellent performance*

### Engine Test Cells

High reliability and uptime are desirable in test cell instrumentation. The Vaisala BAROCAP® barometers and HUMICAP® humidity instruments set the standard for reliability test cell instrumentation.

- Three-in-one measurement: barometric pressure, humidity and temperature
- Optional graphical display of history and measurement
- Traceable calibration (certificate included)



*Vaisala BAROCAP® combined pressure, humidity and temperature transmitter PTU300*

## Compressed Air Dew Point

In compressed air, moisture means trouble: water causes corrosion and can freeze and block pipes or cause malfunctions in pneumatic instruments. Vaisala dew point instruments:

- Measure dew point from -70...+80 °C (-94...+176 °F)
- Withstands condensation
- Features patented auto-calibration for improved performance and superior long-term stability
- Install in pressures up to 300 psi



*Vaisala DRYCAP® Dew Point Transmitters*

## Paint Booths

Modern water-based automotive paints are sensitive to environmental conditions during application. Humidity control in the air house and paint booth assures an efficient process and a high quality finish. The Vaisala HUMICAP® instruments provide accurate humidity measurements with extremely low long-term drift.

- Vaisala HUMICAP® HMT360 – Intrinsically safe for use in hazardous locations
- ±1% RH accuracy, traceable calibration (certificate included)
- 6 probe models available to best fit your application



*Vaisala HUMICAP® Humidity and Temperature Transmitter Series HMT360*

## Metrology

Field instruments can be calibrated in place using portable reference standards, or sent to Vaisala for a certified calibration. Vaisala offers portable standards:

- HM70 hand-held humidity meter for one-point field calibration
- PTB330TS portable transfer standard with excellent accuracy of ±0.10 mbar
- HMK15 salt humidity calibrator for multi-point calibration



*Vaisala HUMICAP® Hand-held Humidity and Temperature Meter HM70*



*HMK15 Salt Humidity Calibrator*



*The PTB330TS comes in a durable and weatherproof transport case that can be easily carried and shipped*

# VAISALA

[www.vaisala.com](http://www.vaisala.com)



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