

## 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  $-70...+80\text{ }^{\circ}\text{C}$  ( $-94...+176\text{ }^{\circ}\text{F}$ )
- 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
- $\pm 1\%$  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  $\pm 0.10\text{ mbar}$
- 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)

Please contact us at  
[www.vaisala.com/requestinfo](http://www.vaisala.com/requestinfo)



Scan the code for more information

Ref. B211586EN-B ©Vaisala 2017  
This material is subject to copyright protection, with all copyrights retained by Vaisala and its individual partners. All rights reserved. Any logos and/or product names are trademarks of Vaisala or its individual partners. The reproduction, transfer, distribution or storage of information contained in this brochure in any form without the prior written consent of Vaisala is strictly prohibited. All specifications — technical included — are subject to change without notice.