

**Date: March 2016**  
**Ref: PR200 HygroSmart HS3 Probe**



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## **PRESS RELEASE**

### **Michell introduces new relative humidity probe that hands control to the user**

The new [HygroSmart HS3 advanced interchangeable relative humidity and temperature probe](#) from Michell Instruments is 100% configurable to allow maximum flexibility to the user. This gives users the ability to alter their RH and temperature measurements to keep step with changes or developments in their process, with no extra costs.

Customers can set the zero/span range, output signals and choose from five output parameters (including dew point). All these changes and settings are easily made on a PC via the application software. For customers who value simplicity above flexibility, they can order their probes fully configured to their specifications directly from Michell.

The new probe also ensures zero process downtime by keeping maintenance to a minimum with an interchangeable sensor. When recalibration is due, the old HygroSmart HS3 sensor is simply exchanged for a new, freshly calibrated one. This is a simple procedure which allows the probe to remain installed, and takes only a few seconds to carry out. Using the replaceable sensor ensures that the HygroSmart HS3 probe has a low life-time cost, when compared to fully disposable probes. Alternatively, minor calibration adjustments can be easily made on any installed HS3 probe, with a 5-point digital trim adjustment via the application software to ensure maximum accuracy without needing to replace the sensor.

Designed for demanding industrial conditions, the HygroSmart HS3 probe features a solid corrosion-resistant body, 10 bar pressure sealing and IP67 pressure rating. In addition it also has an accuracy of 0.8%RH, making it among the most accurate and reliable RH probes on the market.

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## **Notes**

### **About Michell Instruments**

[Michell Instruments Group is a worldwide leader in the field of moisture and humidity measurement solutions.](#) With four decades experience, Michell designs and manufactures a wide range of sensors, instruments and customized systems capable of measuring dew-point, humidity and oxygen in applications and industries as diverse as compressed air, power generation, petrochemical, oil and gas, food processing and pharmaceutical. Michell's innovative products make processes cheaper, cleaner, more energy efficient and safe.

The Group has multiple manufacturing locations across Europe with their international headquarters located in Ely, UK and a North America sales and service headquarters located in Rowley (MA). It has its own facilities in 10 countries with an extensive network of factory trained application and service engineers, subsidiaries and distributors stretching across 56 countries.

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