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PRESS RELEASE

Complete range of high-precision hygrometers improved and relaunched

Michell has relaunched its flagship S8000 precision hygrometer range with improved features, common user interface and new look.

Michell Instruments has launched its upgraded [S8000 chilled mirror hygrometer](#) range to maintain its position as the world's most popular and cost-effective family of industrial chilled mirror hygrometers. The first of the new instruments released in April 2018 were the S8000 RS and S8000 Remote. The very popular mid-range S8000 Integrale is due to be released in May.

The chilled mirror hygrometers from Michell cover a dew-point range from -100°C dp to +120°C dp, using both integral and remote sensors. The remote sensors can survive environmental temperatures up to +120°C, so can often be positioned directly at the point of interest.

The all-new S8000 series instruments now use the same intuitive, touch-screen HMI, making it easier to use and configure. For multi-instrument users, the common interface makes it simple to switch between models – which is a key feature for many operators. A complete range of communication options are now available on all models, giving the option of USB, Ethernet, RS232 or RS485 to take the hassle out of establishing connectivity with your system. All models feature data logging to SD card as standard for convenient standalone operation.

The cases have also been updated to a fresh, easy to clean surface and distraction-free look.

These high-precision instruments use the fundamental chilled mirror principle to ensure reliable and drift-free measurements of dew-point. The [S8000 RS](#) is a real 'work-horse', with an accuracy of $\pm 0.1^\circ\text{C}$ dew point, which can measure dew points down to -90°C with no need for additional cooling. Typical applications range from use as a calibration reference, to industrial settings where precise control of humidity is critical, such as semi-conductor manufacture.

The [S8000 Remote](#) combines high accuracy with a remote sensor for measuring directly in the process. Typical applications include environmental chamber verification, pharmaceutical manufacture or as a National Measurement Institute traceable precision reference tool for field calibrations.

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About Michell Instruments

[Michell Instruments 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 company, which is part of the Process Sensing Technologies 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.

<http://www.michell.com/uk>

About Process Sensing Technologies

Process Sensing Technologies (PST) provides a comprehensive suite of instruments and analyzers for precision measurements in industrial process control, environmental monitoring and food/pharmaceutical processing.

Using our products, customers save millions of dollars each year through increased energy efficiency in their processes and reduced fuel consumption. The quality of food, medicines, semi-conductors and thousands of manufactured goods depends on reliable measurements of critical parameters such as humidity, oxygen, pressure or CO2 during production, storage and transport. Many of our products are GAMP and FDA compliant.

The PST Group has a global presence with multiple locations in Europe, Asia and the Americas and looks for more opportunities to continue its growth through investment into new markets. www.processsensing.com