

Written & issued by Michell Instruments Ltd.
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PRESS RELEASE

New fast-response online hygrometer system offers greater flexibility for Michell customers

The new [SF82 Online Fast Response Hygrometer](#) from Michell Instruments provides customers with more choice and flexibility for dew point and trace humidity measurements. It complements the popular Easidew Online Universal Dew-Point Hygrometer by covering a higher dew-point range up to +60 °C.

Developed as a fast-response, quick-to-install hygrometer system, the SF82 covers the complete dew-point measurement range of -60 up to +60 °C dew point. The Process Sensing Technologies advanced thick-film moisture sensor provides fast, reliable measurements of low dew-points even in high ambient temperatures up to +60 °C. This makes it ideal for use in industrial drying applications – such as compressed air and plastic manufacturing.

The [Easidew Online](#) covers the complete dew-point measurement range of -110 up to +20 °C dew point. This wide measurement range is especially suited to applications needing measurements at the drier end of the scale such as additive manufacturing or monitoring controlled environments in glove boxes. This hygrometer incorporates the latest Michell ceramic metal-oxide technology, providing stable, reliable and repeatable moisture measurements.

As standard, both online hygrometers include:

- 2-wire sensor (SF82 or Easidew)
- Configurable display with 1/8 DIN mount format
- RS485 digital communications
- Stainless-steel sensor sample block with 1/8" NPT inlet and outlets
- Sensor cable – selectable length

Both the SF82 Online and Easidew Online are eligible for Michell's [sensor exchange programme](#) for quick and simple maintenance with the minimum of process downtime.

The hygrometer systems are manufactured for reliable high-volume supply, and are supported globally by Michell's service centres, making them an attractive option for OEMs. Michell also has specialised design and manufacturing capabilities to support customisation for specific applications.

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Notes for Editors

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 Hauppauge (NY). 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.

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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