

Press Release

October 2025

Introducing the S8000 HT: Our New High-Temperature Sampling Chilled Mirror

We're proud to announce the release of the S8000 HT, our new high-temperature sampling chilled mirror hygrometer, specifically designed to meet the rigorous demands of relative humidity (RH) calibration at elevated dew points.



As a trusted name in high-precision moisture measurement, Michell Instruments has developed the S8000 HT to deliver exceptional accuracy, stability, and performance in environments where high moisture content challenges conventional measurement technologies. This latest addition to our chilled mirror range is ideal for National Metrology Institutes, accredited calibration laboratories, and RH sensor manufacturing.

"The launch of the S8000 HT marks a major milestone for Michell Instruments," said Kasia Szewczyk, Chilled Mirror and Calibration Product Manager. "We've taken the proven reliability of our sampling chilled mirror technology and extended its capability to higher dew points. The result is a high-precision instrument purpose built for demanding RH calibration tasks, with the stability and repeatability our customers need."

Key features of the S8000 HT:

- **High-Temperature Dew-Point Measurement:** Measurement range of -30...95 °Cdp, with ± 0.1 °C accuracy
- **Advanced Flood Protection:** Automatic sensor head temperature adjustment to avoid flooding
- **Precision Thermal Control:** Robust heating and thermal stability maintain mirror integrity and consistent performance at high dew points
- **Optimized for Calibration:** Developed specifically for RH reference applications, ensuring traceable, repeatable measurements in critical environments.

The S8000 HT is now available globally. To learn more about the product or request a quotation, visit [Chilled Mirror Hygrometers | PST](#) or contact your local Michell Instruments representative.

About Michell Instruments

Michell Instruments (formerly PST) is a worldwide leader in the field of moisture and humidity measurement solutions. With 50 years' experience, Michell designs and manufactures a wide range of transmitters, instruments and system solutions capable of measuring dew point, humidity and oxygen in a vast range of applications and industries ranging from compressed air, power generation, process, oil and gas, pharmaceutical and many more.

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