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Written & issued by Michell Instruments Ltd.
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PRESS RELEASE

Traceable humidity calibrations from a portable humidity calibrator

The HygroCal100 is a lightweight, portable humidity verifier, which uses its reliable internal polymer reference to provide automatic verifications of the accuracy of RH probes. However the HygroCal100 interface enables users to assign any hygrometer with an analogue output as a reference device – such as a chilled mirror hygrometer. This allows the unit to be used to perform full calibrations of humidity probes, which are traceable to the reference used.

The ability to perform traceable humidity calibrations in-house gives users of large numbers of humidity probes more control over their processes and maintenance programme. The benefits of this include less process downtime as well as reduced costs since fewer probes will be sent to external calibration laboratories. With the introduction of the compact and affordable [HygroCal100](#), this is now available for a wider range of users.

While users have the option to connect their own reference hygrometer, Michell also supply the HygroCal100 as a package with an [Optidew Vision chilled mirror hygrometer](#). Traceable to NPL or NIST national standards, the Optidew Vision combines the high accuracy of fundamental measurements with a lightweight, transportable case, making it an ideal partner for the HygroCal100.

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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

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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.

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