

Chilled Mirror Instruments

S8000 RS

A high precision Chilled Mirror Hygrometer, with enhanced sensor cooling system providing accurate, reliable long-term performance for humidity measurement and calibration.

Note: The order code format for the S8K402 Chilled Mirror Hygrometer has changed slightly. Product order codes are gradually changing as Michel products move away from configured item numbers to a single item number.

| Product Parent Code: S8K402 | | | |
|---|---------------------------------|--|-----------|
| Dew-Point Hygrometer (Supplied with 2 x active mA outputs (0/4-20mA), 1 x Process Relay 1 x Alarm Relay & SD card slot. Digital Outputs - Modbus RTU over USB and TCP/IP. Unit is mains powered 85-264V AC with IEC lead). | | | |
| Sample gas connections - Inlet 1/4" VCR, Outlet 1/4" Swagelok tube. | | | |
| Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E} | | | |
| Feature | Item | Description | Item Code |
| Feature {A} | Base Model | | |
| | S8K402 | Cooled Mirror Hygrometer with enhanced sensor cooling system | S8K402 |
| Feature {B} | Range | | |
| | B3 | -90 to +20°C dew point | A |
| | B4 | -80 to +20°C dew point | B |
| Feature {C} | Standard Calibration | | |
| | C1 | Standard traceable in-house calibration | A |
| | C2 | UKAS / ISO17025 DP Cal (5 calibration points) | B |
| Feature {D} | Internal Pressure Sensor | | |
| | D1 | Internal pressure sensor (0-16bara) | A |
| | D2 | Internal pressure sensor (0-1.6bara) | B |
| Feature {E} | Sample Pump | | |
| | E0 | No pump fitted | A |
| | E1 | Internal Pump & flow control valve | B |

Ordering Example

| | |
|--------------------|---|
| S8K402-BABA | S8K402-B4-C1-D2-E0: Dew-Point Hygrometer with enhanced sensor cooling system, -80 to -20 °Cdp range, standard traceable in-house calibration, internal pressure sensor (0-1.6 bara), no sample pump fitted |
|--------------------|---|

S8000 RS SERVICES

| Order Codes | Product / Description |
|-------------|--|
| CM-TC | Traceable calibration for Michell Chilled Mirror products (calibrated against Michell std) |
| CM-DPUKAS | 5-pt UKAS/ISO17025 dew-point calibration (specify points required on order) |
| CM-DPAP01 | Additional calibration points for UKAS/ISO17025 calibration |
| READINGS-CM | Readings before calibration (calibration data recorded before adjustment) - Chilled Mirror Hygrometers |