

## S8000 RS

A high precision, wide range, laboratory hygrometer providing accuracy, reliability and long-term performance for humidity measurement and calibration.

| <b>Product Parent Code: S8K401</b>  |                                 |  |
|---|---------------------------------|--|
| <b>Dew-Point Hygrometer (Supplied with 3 off outputs (0/4-20mA or 0-1V), 2 off alarm relays (Process and Fault) &amp; SD card slot. Unit is mains powered 85-264V AC 47-63Hz with IEC lead)</b> |                                 |  |
| <b>Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}+{Feature F}+{Feature G}</b>  |                                 |  |
| Feature   | Item                            | Description  |
| Feature {A}   | <b>Base Model</b>               |  |
|   | S8K401                          | Cooled Mirror Hygrometer with enhanced sensor cooling system |
| Feature {B}   | <b>Range</b>                    |  |
|   | B3                              | -90 to +20°C dew point                                       |
|   | B4                              | -80 to +20°C dew point                                       |
| Feature {C}   | <b>Standard Calibration</b>     |  |
|   | C1                              | Standard traceable in-house calibration                      |
|   | C2                              | UKAS / ISO17025 DP Cal (5 calibration points)                |
| Feature {D}   | <b>Digital Communications</b>   |  |
|   | D1                              | USB only   |
|   | D2                              | USB + Ethernet   |
|   | D3                              | USB + RS232  |
|   | D4                              | USB + RS485  |
| Feature {E}   | <b>Internal Pressure Sensor</b> |  |
|   | E0                              | None fitted  |
|   | E1                              | Internal pressure sensor (0-16bara)                          |
|   | E2                              | Internal pressure sensor (0-1.6bara)                         |
| Feature {F}   | <b>Gas Fittings</b>             |  |
|   | F1                              | 1/4" VCR Fitting (Inlet)                                     |
| Feature {G}   | <b>Sample Pump</b>              |  |
|   | G0                              | No pump fitted   |
|   | G1                              | Internal Pump & flow control valve                           |

### Ordering Example

|                                 |  |
|---------------------------------|--|
| <b>S8K401-B4-C1-D1-E0-F1-G0</b> | <b>Chilled Mirror Hygrometer with enhanced sensor cooling system, -90 to +20°C dew point range, Standard traceable in-house calibration, USB only, no internal pressure sensor, 1/4" VCR Fitting (Inlet) gas fittings, no pump</b> |
|---------------------------------|--|

## 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 |

**Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: S8000 RS\_97316\_V10\_UK\_0722**