

## S8000 RS

### S8000 RS

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

#### Base Model

Cooled Mirror Hygrometer with enhanced sensor cooling system (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.

S8K402

#### Range

B3 -90 to +20°C dew point

A

B4 -80 to +20°C dew point

B

#### Calibrated range

C1 Standard traceable in-house calibration

A

C2 UKAS / ISO17025 DP Cal (5 calibration points)

B

#### Internal Pressure Sensor

D1 Internal pressure sensor (0-16bara)

A

D2 Internal pressure sensor (0-1.6bara)

B

#### Sample Pump

E0 No pump fitted - Default selection for 16bara

A

E1 Internal Pump & flow control valve - Available for 1.6bara only

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 Services

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\_V2**