

S8000 Remote

A high precision hygrometer with a wide operating temperature range, coupled with the flexibility of a remote sensor, provides accuracy, reliability and long-term performance for humidity measurement and calibration.

| Product Parent Code: S8K421 | | |
|---|-------------------------------|--|
| Dew-Point Hygrometer (Supplied with 3 off outputs (0/4-20mA or 0-1V), 2 off alarm relays (Process and Fault) & SD card slot. Unit is mains powered 85-264V AC 47-63Hz with IEC lead) | | |
| Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}+{Feature F}+{Feature G} | | |
| Feature | Item | Description |
| Feature {A} | Base Model | |
| | S8K421 | Cooled Mirror Hygrometer with remote sensor |
| Feature {B} | Range | |
| | B8 | -40 to +90°C dew point (Acetal sensor heads) |
| | B9 | -10 to +120°C dew point (Aluminium climatic sensor head) |
| | B10 | -40 to +120°C dew point (PEEK sensor head) |
| Feature {C} | Standard Calibration | |
| | C1 | Standard Traceable DP Cal (4 calibration points) |
| | C2 | UKAS / ISO17025 DP Cal (5 calibration points) |
| | C3 | UKAS / ISO17025 DP Cal (5Pts + additions below) |
| | C4 | UKAS / ISO17025 RH Cal (5Pts @ one temperature) |
| | C5 | UKAS / ISO17025 RH Cal (5Pts + additions below) |
| Feature {D} | Digital Communications | |
| | D1 | USB only |
| | D2 | USB + Ethernet |
| | D3 | USB + RS232 |
| | D4 | USB + RS485 |
| Feature {E} | Sensor Options | |
| | E1 | 2-stage Acetal head with Au plated Cu mirror (only available with B8) |
| | E2 | 2-stage Acetal Head with Au stud on Cu Mirror (only available with B8) |
| | E3 | 2-stage PEEK Head with Pt stud Mirror (only available with B10) |
| | E4 | 2-stage Aluminum Climatic Sensor (only available with B9) |
| | E5 | 2-stage PEEK head Au plated Cu mirror (only available with B10) |
| Feature {F} | Pressure | |
| | F1 | Low Pressure 0-20 Barg |
| | F2 | High Pressure 0-250 Barg |
| Feature {G} | Cable | |
| | G1 | 2m Cable Assemblies Sensor and PRT |
| | G2 | 5m Cable Assemblies Sensor and PRT |
| | G3 | 10m Cable Assemblies Sensor and PRT |

Ordering Example

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|---------------------------------|--|
| S8K421-B8-C1-D1-E1-F1-G1 | Benchtop analyzer with remote sensor, -40 to +90°C dew point range, Standard Traceable DP Cal (4 calibration points), USB only, 2-stage Acetal Head with Au Coated Cu Mirror sensor, Low Pressure 0-20 Barg, 2m Cable Assemblies Sensor and PRT |
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S8000 Remote 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 |
| CM-RHUKAS | 5-pt UKAS RH calibration at one temp (specify points required on order) |
| CM-RHAP01 | Additional calibration points for % RH (at the same temperature) |
| CM-RHAT | UKAS % RH calibration of 5 points (at an additional temperature - Please contact Michell before ordering) |
| 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 Remote_97307_V8_UK_0221