

S8000

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

| Product Parent Code: S8K411/S8K412 | | |
|---|---------------------------------|---|
| 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 | |
| | S8K411 | Cooled Mirror Hygrometer (1 bar g) |
| | S8K412 | Cooled Mirror Hygrometer (20 bar g) |
| Feature {B} | Range | |
| | B6 | -60 to +40°C dew point |
| Feature {C} | Standard Calibration | |
| | C1 | Standard traceable in-house calibration |
| | C2 | UKAS / ISO17025 DP Cal (5 calibration points) |
| | C3 | UKAS / ISO17025 DP Cal (5Pts + additions below) |
| Feature {D} | Digital Communications | |
| | D1 | USB only |
| | D2 | USB + Ethernet |
| | D3 | USB + RS232 |
| | D4 | USB + RS485 |
| Feature {E} | Internal Pressure Sensor | |
| | E0 | None fitted |
| | E1 | Internal Pressure Sensor |
| Feature {F} | Fittings | |
| | F1 | 6mm Swagelok Tube |
| | F2 | 1/4" Swagelok Tube |
| Feature {G} | Sample Pump | |
| | G0 | No pump fitted |
| | G1 | Internal Pump & FCV, Outlet: 1/4" Tube |
| | G2 | Internal Pump & FCV, Outlet: 6mm Tube |

Ordering Example

| | |
|---------------------------------|--|
| S8K411-B6-C1-D1-E0-F2-G0 | Chilled Mirror Hygrometer (1 bar g), -60 to +40°C dew point range, Standard traceable in-house calibration, USB only, no internal pressure sensor, 1/4" Swagelok Tube fittings, no pump |
|---------------------------------|--|

S8000 SERVICES

| Order Codes | Product / Description |
|-------------|--|
| CM-TC | Traceable calibration <i>(as supplied as standard with new instrument)</i> |
| CM-DPUKAS | 5-pt UKAS dew-point calibration <i>(specify points required on order)</i> |
| CM-DPAP01 | Additional calibration points for UKAS/ISO17025 calibration |
| READINGS | Readings before calibration <i>(calibration data recorded before adjustment)</i> |

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_97509_V5_UK_0618