

S8000 RS

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

Product Parent Code: S8K401		
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	
	S8K401	Cooled Mirror Hygrometer with enhanced sensor cooling system
Feature {B}	Range	
	B3	-90 to +20°C dew point
	B4	-80 to +20°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 (0-16bara)
	E2	Internal pressure sensor (0-1.6bara)
Feature {F}	Gas Fittings	
	F1	1/4" VCR Fitting (Inlet)
Feature {G}	Sample Pump	
	G0	No pump fitted
	G1	Internal Pump & flow control valve

Ordering Example

S8K401-B4-C1-D1-E0-F1-G0	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
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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_V8_UK_1119