

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)
	C4	UKAS / ISO17025 RH Cal (5Pts @ one temperature)
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

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
---------------------------------	--

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_V10_UK_0722