

## 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.

<b>Product Parent Code: S8K421</b>		
<b>Dew-Point Hygrometer (Supplied with 3 off outputs (0/4-20mA or 0-1V), 2 off alarm relays (Process and Fault) &amp; SD card slot. Unit is mains powered 85-264V AC 47-63Hz with IEC lead)</b>		
<b>Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}+{Feature F}+{Feature G}</b>		
Feature	Item	Description
Feature {A}	<b>Base Model</b>	
	S8K421	Cooled Mirror Hygrometer with remote sensor
Feature {B}	<b>Range</b>	
	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}	<b>Standard Calibration</b>	
	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}	<b>Digital Communications</b>	
	D1	USB only
	D2	USB + Ethernet
	D3	USB + RS232
	D4	USB + RS485
Feature {E}	<b>Sensor Options</b>	
	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}	<b>Pressure</b>	
	F1	Low Pressure 0-20 Barg
	F2	High Pressure 0-250 Barg
Feature {G}	<b>Cable</b>	
	G1	2m Cable Assemblies Sensor and PRT
	G2	5m Cable Assemblies Sensor and PRT
	G3	10m Cable Assemblies Sensor and PRT

### Ordering Example

<b>S8K421-B8-C1-D1-E1-F1-G1</b>	<b>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</b>
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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\_V10\_UK\_0722