

HG10 RH CALIBRATION SYSTEM

Product Parent Code: PSD2		
Dry Air Generation - Pressure Swing Dryer (-80°Cdp nominal)		
Product Ordering Code {Feature A}+{Feature B}		
Feature	Item	Description
Feature {A}	Base Model	
	PSD-2-AC	Pressure Swing Dryer
Dew-Point Generator - HG10: PC control interface, control & logging software, complete system integration, rack - 600 x 800 x 1925mm (w x d x h), Measure -50 to +50°Cdp/Range 1 to 95% RH)		
Feature	Item	Description
Base Model	HG-10	Base unit
Temperature Test Chamber		
Base Model	110	Temp Test Chamber - 110 liter size (630 x 400 x 350mm) (h x w x d)
Michell Instruments can supply temperature controlled test chambers in a variety of configurations and capacities from 35 to 200L (+). Please contact Michell Instruments to discuss exact requirements and to receive a formal quotation before placing an order.		

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)
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
Feature {E}	Sensor Options	
	E1	2-stage Acetal head with Au plated Cu mirror
Feature {F}	Pressure	
	F1	Low Pressure 0-20 Barg
Feature {G}	Cable	
	G1	2m 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
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HG10 RH CALIBRATION SYSTEM OPTIONS

Order Codes	Product / Description
Compressor System	
CMP-10-240	Oil free air mini compressor, 29 psig/2 barg, 10 l/min (for PSD-2)
CMP-10-240+SPC	Oil free air mini compressor, 29 psig/2 barg, 10 l/min (for PSD-2) + Soundproof cabinet for compressor
Sensor Manifold	
DCS-MAN	Sensor Manifold (Manufactured to suit the customer's sensors typically in anodized aluminum for RH probes or 316 SS for dew-point sensors - Price available on request when sensors to be calibrated are fully defined)

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: HG10_97158_V6_UK_1119