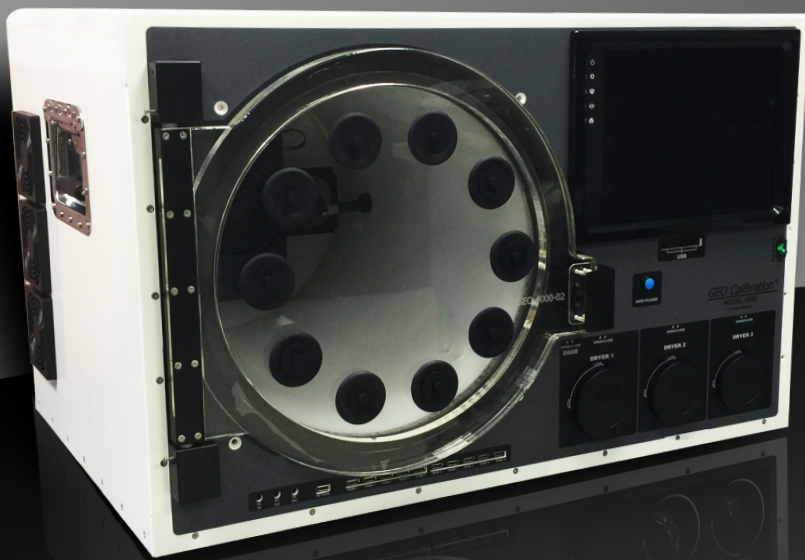


The New Model 4000



Features:

Automatic Probe Calibration
10 USB Probe Interfaces
Live Probe Feedback

Auto Switching Desiccant
Very High Stability
Digital Log Output

CONTROL

Range	RH	5% to 95%	@ 18°C - 30°C
	Temperature	5 to 55°C	
Uniformity	RH	±0.1%	@ 5% to 50%
		±0.2%	@ 50% to 90%
		±0.2%	@ 90% to 95%
	Temperature	±0.2°C	@ 50%RH
Stability at Equilibrium	RH	± 0.1%	@ 23°C
	Temperature	± 0.1°C	
Controller Type	Embedded multiple input PID controller, TFT		
Resolution	RH	0.1%	
	Temperature	0.1°C	
Generation Method	Mixed flow with desiccant dryer cell and heating element humidifier		

PERFORMANCE

Response Time	RH	3 - 5 Minutes	
	Temperature	Cooling	1 °C / 5 Minute
		Heating	1 °C / Minute
Calibration Uncertainties	RH	± 0.7%	@ 10 - 80%
		± 1.0%	@ 80 - 95%
	Temperature	± 0.2°C	
Control Probe	RH Uncertainty	± 0.5%	@ 23°C
	Calibration Certificate	Traceable to NIST	

STANDARD FEATURES

Water	Reservoir	150 mL
	Spill Resistant	Yes
	Water Quality	Distilled
	Est Refill Period	1 Month *Typical
	Fill Indicator	Front Panel
Desiccant	Type	Molecular Sieve
External Interface	USB	Cable and Software Included
Digital Feedback (DFB)	Digitally record live analog probe data with internal reference, for automatic calibrations.	

OPTIONAL FEATURES

External Reference	Outlet and Inlet	Plastic fittings to prevent condensation
	Size	1/4" turn quick connectors

MECHANICAL / ELECTRICAL

Generator	Dimensions	64.5 cm (D) 76.2 cm (W) 50.1cm (H)
	Enclosure Material	Powder Coated Aluminum
	Power Supply	Universal 100 - 260 VAC - 50/60 Hz
Chamber	Dimensions	32.5 cm (Depth) x 34.0 cm (Diameter)
	Volume	38 Liter Effective Working Volume
	Material	Insulated Plastic
Probe Power Supply	Selectable	3.3, 5, 12, 24 Volt DC @ 0.5A
Probe Ports	Port Total	10 Ports
Probe Port Sizes	Standard	12.5 mm, 19 mm and 25 mm
	Custom	6 mm to 32 mm

CONTACT US:



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