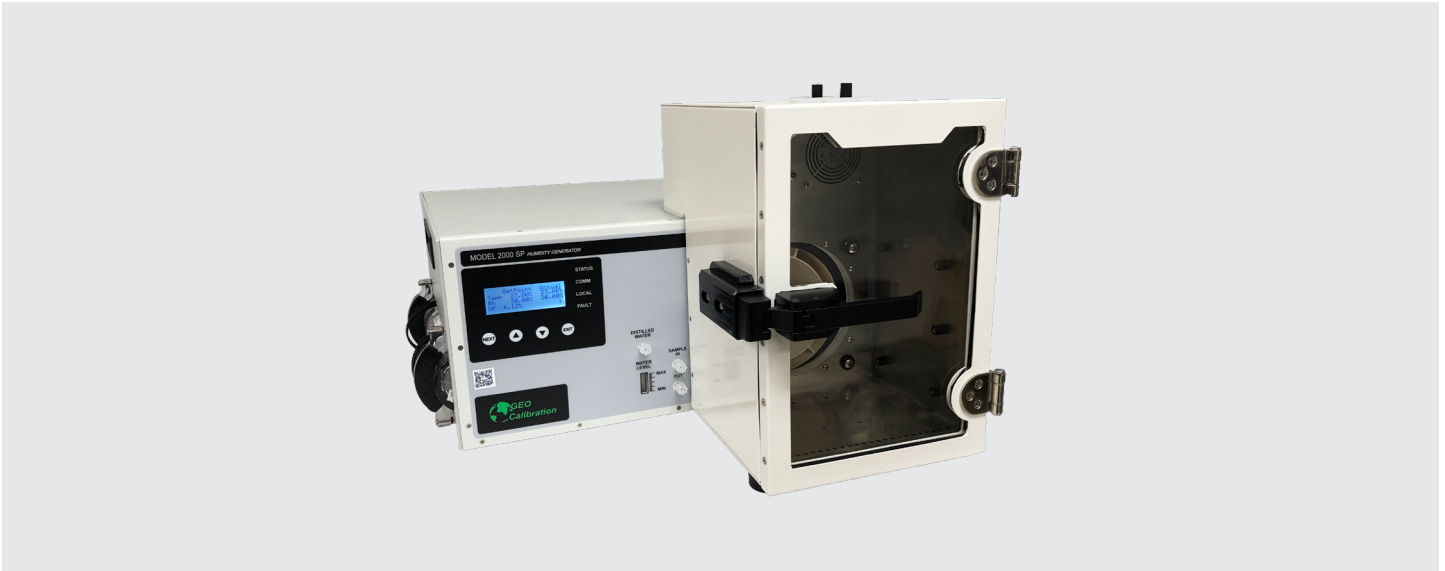


# **GEO** *Calibration*

## **MODEL 2000 SERIES EXPANSION CHAMBERS**

PRODUCT OVERVIEW

# STANDARD EXPANSION CHAMBER



## GENERAL SPECIFICATIONS

CONTROLLED RANGE	TEMPERATURE	Ambient $\pm$ 5 °C	
	HUMIDITY@23 °C	20 % to 80 % RH	
CALIBRATION SYSTEM ACCURACY	TEMPERATURE	$\pm$ 0.50°C	
	HUMIDITY	$\pm$ 3.00 % RH @ 23 °C	
UNIFORMITY	TEMPERATURE	0.50 °C	
	HUMIDITY	3.00 % RH @ 23 °C	
STABILITY	TEMPERATURE	0.30 °C	
	HUMIDITY	1.00 % RH @ 23 °C	
RAMP / SOAK RATE OF CHANGE	TEMPERATURE	High $\rightarrow$ Low	1.50 °C / minute
		Low $\rightarrow$ High	5.00 °C / minute
	HUMIDITY	High $\rightarrow$ Low	1.00 % RH / minute
		Low $\rightarrow$ High	1.00 % RH / minute

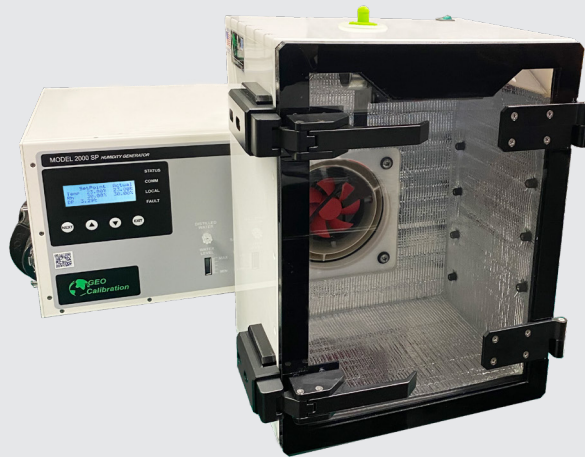
\*In high humidity environment, please set the temperature first. Once temperature settled, then set the humidity.

## MECHANICAL \*Subject to Variations

GENERATOR DIMENSIONS	Measurement Type	Depth	Width	Height
	Metric	28.60 cm	22.00 cm	34.50 cm
	English	11.26 in	8.66 in	13.58 in
CHAMBER DIMENSIONS	Measurement Type	Depth	Width	Height
	Metric	16.80 cm	19.40 cm	29.40 cm
	English	6.62 in	7.64 in	11.58 in
	Volume	8.00 Liters Effective Working Volume		
WEIGHT	Metric	7.00 kg		
	English	15.44 lb		
PROBE PORTS	Port Total	1		

\*\*Information subject to change, please visit our website for updates at [www.geocalibration.com](http://www.geocalibration.com).

# EXPANSION CHAMBER



## GENERAL SPECIFICATIONS

CONTROLLED RANGE	TEMPERATURE	Ambient $\pm$ 5 °C	
	HUMIDITY@23 °C	20 % to 80 % RH	
CALIBRATION SYSTEM ACCURACY	TEMPERATURE	$\pm$ 0.50°C	
	HUMIDITY	$\pm$ 3.00 % RH @ 23 °C	
UNIFORMITY	TEMPERATURE	0.50 °C	
	HUMIDITY	3.00 % RH @ 23 °C	
STABILITY	TEMPERATURE	0.30 °C	
	HUMIDITY	1.00 % RH @ 23 °C	
RAMP / SOAK RATE OF CHANGE	TEMPERATURE	High $\rightarrow$ Low	1.50 °C / minute
		Low $\rightarrow$ High	5.00 °C / minute
	HUMIDITY	High $\rightarrow$ Low	1.00 % RH / minute
		Low $\rightarrow$ High	1.00 % RH / minute

\*In high humidity environment, please set the temperature first. Once temperature settled, then set the humidity.

## MECHANICAL \*Subject to Variations

GENERATOR DIMENSIONS	Measurement Type	Depth	Width	Height
	Metric	24.38 cm	30.48 cm	40.64 cm
	English	9.60 in	12.00 in	16.00 in
CHAMBER DIMENSIONS	Measurement Type	Depth	Width	Height
	Metric	21.30 cm	22.30 cm	24.65 cm
	English	8.40 in	8.80 in	9.70 in
	Volume	11.00 Liters Effective Working Volume		
WEIGHT	Metric	9.30 kg		
	English	20.50 lb		
PROBE PORTS	Port Total	1		


\*\*Information subject to change, please visit our website for updates at [www.geocalibration.com](http://www.geocalibration.com).





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Humidity Control Company



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