

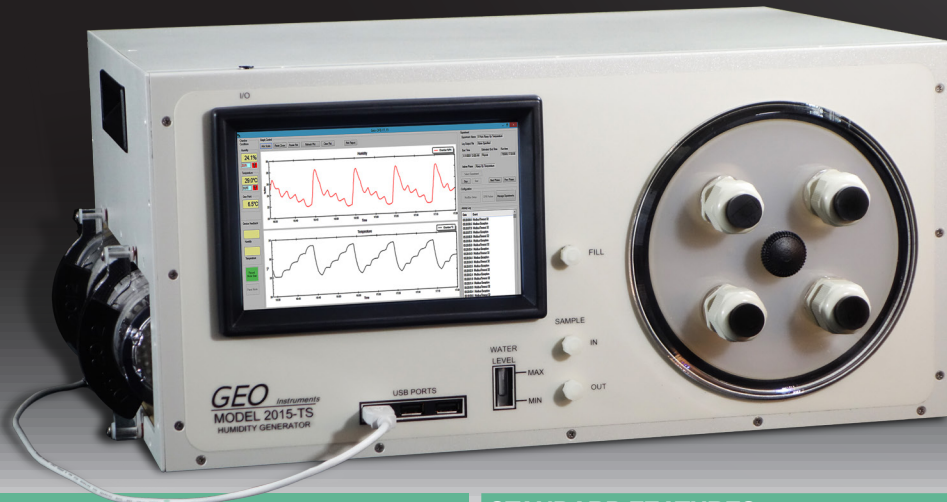
The New Model 2015 TS

The Model 2015 TS Humidity Generator has a touch screen display, and comes with our Automatic Calibration Software included.

Features

7 Inch Touch Display
3 Port USB Interface
Unique Technician Profiles

Graphing Software
Automatic Ramp / Soak
Remote Login Capability



CONTROL

Range	RH 5% to 95%	@ 23°C
	Temperature 5 to 55°C	
	Dew Point -25°C to 45°C	
Uniformity	RH ±0.2%	@ 5% to 50%
	±0.3%	@ 50% to 90%
	±0.4%	@ 90% to 95%
	Temperature ±0.2°C	@ 50%RH
Stability at Equilibrium	RH ± 0.3%	@ 23°C
	Temperature ± 0.1°C	
Controller Type	Embedded multiple input PID controller, LCD	
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	1.5°C / Minute
	Heating	5°C / Minute
Calibration Uncertainties	RH ± 1.0%	@ 10 - 80%
	± 1.25%	@ 80 - 95%
	Temperature ± 0.2°C	
Control Probe	RH Uncertainty ± .6%	@ 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
Touch Screen	7 inch Software Included
USB Ports	3 Female Ports Allows for Keyboard and Mouse

OPTIONAL FEATURES

External Reference	Outlet and Inlet Plastic fittings to prevent condensation
	Size 1/4" turn quick connectors
Analog Outputs	Temperature / RH Analog 0 - 1 Volt

MECHANICAL / ELECTRICAL

Generator	Dimensions 37 cm (D) x 46 cm (W) x 23 cm (H)
	Enclosure Material Powder Coated Aluminum
	Power Supply Universal 100 - 260 VAC - 50/60 Hz
Chamber	Dimensions 19 cm (Depth) x 14.5 cm (Diameter)
	Volume 2 Liter Effective Working Volume
	Material Insulated Plastic
	Weight 14 kg
Weight	
Probe Power Supply	Power Supply 12 Volt DC @ 1A
Probe Ports	Port Total 4 Ports
Probe Port Sizes	Standard 12.5 mm, 19 mm and 25 mm
	Custom 6 mm to 32 mm

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eXpanding possibilities



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