The New Hygro Mini

Portable, battery powered humidity & temperature generator / calibrator.

Features:

5 Hour Battery
3 kg
± 1.0% RH or better

Spill Proof
Operates at Any Orientation
26.5cm (D) x 27cm (W) x 11cm (H)

CONTROL

Range	RH	10% to 70%	@ 23°C
	Temperature	10°C to 40°C	
	Dew Point	10°C to 45°C	
Uniformity	RH	±0.3%	@ 10% to 50%
		±0.4%	@ 50% to 70%
	Temperature	±0.2°C	@ 50%RH
Stability at Equilibrium	RH	± 0.3%	@ 23°C
	Temperature	± 0.2°C	
Controller Type	Embedded multi 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	7 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	
Battery Life	Ideal Conditions	5 Hours	

STANDARD FEATURES

Reservoir	Capacity	20 ml	
	Spill Proof	Yes	
	Water Quality	Distilled	
	Est Refill Period	1 Week	*Typical
	Fill Indicator	On Screen Low Warning	
Desiccant	Type	Molecular Sieve	
External Interface	USB	Cable and Software Included	

MECHANICAL / ELECTRICAL

Generator	Dimensions	26.5 cm (D) x 27 cm (W) x 11 cm (H)
	Enclosure Material	Powder Coated Aluminum
	Power Supply	Universal 100 - 260 VAC - 50/60 Hz
Chamber	Dimensions	19 cm (D) x 19.5 cm (W) x 7.5 cm (H)
	Capacity	1 rH Probe from 6 - 32 mm
	Material	Insulated Plastic
Weight		4 kg
Probe Power Suppy	Power Supply	12 Volt DC @ 1A
Probe Ports	Port Total	1 Port
Probe Port Sizes	Standard	12.5 mm, 19 mm and 25 mm
	Custom	6 mm to 32 mm

CONTACT US:

techniCAL
eXpanding possibilities
905-575-1941 905-575-0386
1-866-327-8731 1-86-MEASURE-1
sales@technical-sys.com
www.technical-sys.com