



ASSOCIATED ENVIRONMENTAL SYSTEMS

LH Series

BENCHTOP TEMPERATURE AND HUMIDITY CHAMBER



Description:

Ideal for steady state temperature and humidity testing, LH Series chambers come standard with manual set digital controllers for both temperature and humidity. LH chambers can maintain consistent temperature and humidity through extended test periods.

Standard Features:

- Interior: All stainless steel type 304
- Exterior: Heavy gauge cold rolled steel with powder coat paint
- 3" access port and plug on left side wall
- Digital set/digital read controller
- Fully adjustable shelf
- UL 61010-1:2012 certified
- CAN/CSA-C22.2 No. 61010-1-2 certified



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LH Series

Specifications

Options:

- Custom Port Sizes
- Shelf Modification
- Extended Temperature Range to -20°C
- IEEE-488 Interface
- Ethernet Interface
- Dry Nitrogen Purge
- Programmable Chart Recorder
- Adjustable High/Low Temperature Safety
- Demineralizer Cartridge System
- Self Contained Recirculating Humidity System with 6 Gallon Reservoir
- Touch Screen Control
- Watlow F4 Programmable Controller with RS232 Interface
- Air Dryer for Lower Humidity Range

Model	Working Volume (cu. ft.)	Dimensions: (H" x W" x D")
LH-1.5	1.5	Internal: 13 x 14 x 13 External: 33 x 27 x 26
LH-6	5.8	Internal: 24 x 20 x 18 External: 46 x 33 x 31
LH-10	10	Internal: 30 x 24 x 24 External: 52 x 36 x 37

Temperature Range Standard: Optional:	5°C to +94°C (+41°F to +200°F) -20°C to +94°C (-4°F to +200°F)
Humidity Range	20% to 98% RH As limited by a +4°C dew point
Accuracy	Temperature +/- .5°C at the sensor Humidity +/- 2% RH at the sensor Electronic dew point sensor
Instrumentation	Manual two channel Microprocessor based digital set – Digital indicating controller, temperature in °C or °F Humidity direct RH