



FILTERED HOODS

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HEPA filtration is an option for most chambers.

Applications are found in pharmaceutical development and manufacturing, electronic components, food, semiconductor, paper and pulp, and wherever precise humidity and temperature replications are required. For specialty applications, Parameter partners with Flow Sciences, another North Carolina company, for unique contained environments.

The interior chamber is constructed of very durable, corrosion-resistant stainless steel. Low watt density heaters are used that also contribute to the unit's longer life.

Systems include ports for testing filter efficiency, iris opening for working within chamber without disrupting temperature / humidity control, and dampers for setting chamber pressure (negative or positive). System includes free logging software.

As with all other Parameter equipment, filtered hoods are exhaustively tested at your specified condition before being shipped to ensure trouble-free operation.

RH VARIABLES	OURS	THEIRS
TOTAL	± 2.5%	± 6.0%
CONTROL CONSTANCY	± 0.5%	± 2.0%
CHAMBER UNIFORMITY	± 1.0%	± 2.0%
SENSOR ACCURACY	± 1.0%	± 2.0%

Extremely Precise Control
Low Energy Requirements
Low Maintenance

Specifications

FILTERED CHAMBER

Relative Humidity Constancy: ±0.5%
Relative Humidity Uniformity: ±1.0% at 25°/60%
Temperature Constancy: ±0.2°C
Temperature Uniformity: ±0.2°C

Benefits

Extremely stable and uniform environment
Maintains superior constancy and uniformity
Fits clean processes
Undisturbed control access with chamber
Security and safety
Equipment longevity; corrosion resistant
Ease of operation

Features

RH control constancy of ±0.5%
Temperature control constancy of ±0.2°C
Filtered work area
Iris openings
Various safety cut-offs
316 stainless interior chamber
User-friendly Smart Pad controller with logging software



SmartPad Microprocessor

Parameter's SmartPad microprocessor controller is a user-friendly system that provides optimum accuracy and control. The SmartPad is equipped with direct readings in both temperature and humidity. It features 60-segment programming for automatic cycling and ramping and soaking excursions. High-low or deviation alarms and digital communications ports are standard features.

All Parameter equipment is exhaustively tested at your specified condition prior to shipping to ensure trouble-free operation.