

Labconco® Compounding Pharmacy Solutions



Labconco Compounding Pharmacy Solutions

Primary Engineering Control Selection

1

Type of Compounding

Sterile Non-HD

Sterile Non-HD
<797>

Sterile HD

Sterile HD
<797> and <800>

2

Primary Engineering Control (PEC)



Laminar Flow Clean Benches
Horizontal or Vertical

Sterile Non-HD



Class II Biosafety Cabinets
Types A2, B2, and C1 (Exhausted)

Sterile HD

3

Accessories

Computer and Camera Accessories

Sterile



Integrated Screens



Computer Arms



Camera Arms



IV Bar Kits

Sterile Non-HD

Sterile HD

Labconco Compounding Pharmacy Solutions

Primary Engineering Control Selection



Non-Sterile Non-HD
<795>



Non-Sterile HD
<795> and <800>



CVE
Single HEPA (Recirculating)



CVE
Single HEPA (Exhausted)



CVE
Double HEPA (Recirculating)



Non-Sterile



Double HEPA Conversion Kits



General



Base Stands



Exhausters

Labconco Non-Hazardous Sterile PEC's

Features, Benefits & Ordering Information



Labconco's Purifier Horizontal and Vertical Laminar Airflow Clean Benches are USP <797> compliant and provide reliable unidirectional ISO 5 conditions to ensure maximum safety for compounded sterile preparations (CSPs). A wide variety of widths and depths ensure compounding activities are equipped with the space to work efficiently. Horizontal models are driven by the intuitive Nexus OS™ on a large 5" touchscreen. All models feature stainless steel and glass construction throughout for easy cleaning and longevity.

Spacious and Comfortable
Interior provides unidirectional ISO Class 5 air over the compounding area.

IV Workflow Compatible
Design accepts computer and camera mounts for all types of IV verification systems.

Easily Cleanable
Design is free of cracks and crevices, speeding cleaning.

Built-In Pass-throughs
Pass cords and cables into the work area. One each on left and right sides of PEC.

IV Medication Workflow, Gravimetric Systems and Total Parenteral Nutrition (TPN) Compounders are easily accommodated for maximum productivity.

Laminar Airflow Workbenches (LAFW) are typically placed into positive pressure ISO 7 buffer rooms with 30+ air changes per hour and 0.01"-0.03" w.g. relative to adjacent spaces. Clean Benches may also be placed into a SCA with a reduced Beyond Use Date (BUD).

TPN Compatible
Interior depths up to 26" for varying compounder systems.

Standard or Hydraulic Base Stands
Maximum flexibility to users of all sizes.

Diverse Sizes
Small and wide options for varying pharmacy work areas.

Bin Storage-system
Simplifies organization of compounding supplies to streamline cleanroom operations.

LAFW Placement Requirements	Location	Classifications
Category 1 CSP	Segregated Compounding Area (SCA)	Unclassified
Category 2 CSP	Cleanroom Suite	ISO Class 7 positive-pressure buffer room
Category 3 CSP		

Labconco Non-Hazardous Sterile PEC's

Features, Benefits & Ordering Information



Nexus™ Horizontal Clean Benches are Laminar Airflow Work Stations (LAFWs) that protect your sterile non-hazardous preparations. High performance unidirectional airflow is HEPA filtered and delivers an ISO Class 4 environment in the compounding area. Interior and exterior are crafted of stainless steel and glass for superior cleanability.

- USP <797> Compliant
- ISO Class 4 Environment
- Horizontal Unidirectional Airflow
- Nexus OST™ with 5" Touchscreen

Model	Width	Depth	Catalog Numbers			
			Clean Bench	IV Bar Kit	IV Bin Kit	Caster Kit
Nexus Horizontal Clean Bench	3'	21"	5330600	3697500	5328800 (Max 2)	5190100
	3'	26"	5331600			
	4'	21"	5340600	3697500	5328800 (Max 3)	
	4'	26"	5341600			
	6'	21"	5360600	3697500 (Qty 2)	5328800 (Max 5)	
	6'	26"	5361600			

3' and 4' models require 115V, 15A 60Hz dedicated outlet. 6' models require 115V, 20A 60Hz dedicated outlet. Contact Labconco for additional sizes, electrical configurations, and accessories.



Purifier® Vertical Clean Benches are Laminar Airflow Work Stations (LAFWs) that protect your preparations from contamination. Efficient unidirectional airflow is HEPA filtered and delivers an ISO Class 5 environment in the compounding area.

- USP <797> Compliant
- ISO Class 5 Environment
- Vertical Unidirectional Airflow
- Variety of sizes

Model	Width	Catalog Numbers				
		Clean Bench	IV Bar Kit	Stainless Work Surface	Base Stand	Caster Kit
Purifier Vertical Clean Bench	3'	3970303	3721001	3970603	3746701	3730500
	4'	3970403	3721002	3970604	3746702	
	6'	3660603	3721004	3975602	3746704	

Models require 115V, 15A 60Hz outlet. Contact Labconco for additional sizes and electrical configurations.

Labconco Hazardous Sterile PECs

Features, Benefits & Ordering Information



Labconco's Logic and Axiom Class II BSCs are designed for hazardous preparation of compounded sterile products (CSPs) such as chemotherapies that require protection for the CSP and compounding personnel. Type A2, B2, and C1 models are USP <797> and <800> compliant, provide reliable unidirectional ISO Class 5 conditions, and easily integrate into your cleanroom with minimal disturbance.

Spacious and Comfortable

A built-in armrest, quiet operation, and ergonomic controls promote comfort and focus.

Easy Disinfection

Coved corners, a dished work surface, and smooth surfaces make disinfection a breeze.

Smart Laminar Air

CAP™ and BalanceFlow™ Technology with 99.99% HEPA filtration provide consistent ISO 5 conditions.

IV Workflow Compatible

Integrate displays, PC mounts, and cameras for your verification system.

Logic and Axiom cabinets are designed to be easily cleanable, with a smooth, crevice-free stainless steel interior. Comfort features include a line-of-sight display for easy status updates, plus a full-width armrest, flush outlet covers, and cord passthrough. Customize your cabinet screen integration for IV workflow, or chose from computer mount options.

Logic OS

Conveniently displays cabinet information on a bright 5" line-of-sight touchscreen. Axiom models feature 3.5" display.

Built to Last

Made in the USA for over 50 years — backed by a full 6 year warranty.



BSC Placement Requirements	Location	Room Classifications	PEC Venting Requirements
Category 1 CSP	Containment Segregated Compounding Area (C-SCA)	Unclassified	Externally vented
Category 2 CSP	Cleanroom Suite	ISO Class 7 negative-pressure buffer room	Externally vented
Category 3 CSP		ISO Class 7 negative-pressure buffer room	

Labconco Hazardous Sterile PECs

Features, Benefits & Ordering Information



Logic Class II, Type A2

- Easy cleanroom integration with low exhaust requirements
- Exhausted work area with canopy connection
- USP <797> and USP <800> compliant



Logic Class II, Type B2

- High exhaust requirements
- 100% exhausted work area
- USP <797> and USP <800> compliant



Axiom Class II, Type C1

- Easy cleanroom integration with low exhaust requirements
- 100% exhausted central area
- Active protection from exhaust failures
- USP <797> and USP <800> compliant

Model	BSC Type	Width	Catalog Number
Logic	Type A2	4'	302410102
		6'	302610102
	Type B2	4'	303480102
		6'	303680102
Axiom	Type C1	4'	304410101
		6'	304610101

All models above include telescoping base stand.
 4' Type A2 and all B2 models require 115V, 15A 60Hz dedicated outlet. 6' Type A2 and all Axiom models require 115V, 20A 60Hz dedicated outlet. Contact Labconco for additional sizes, electrical configurations, and accessories.

Accessories for Class II Biosafety Cabinets			
	4' BSCs	6' BSCs	
Airflow Monitor	3277610*	3277610*	
Coated Steel Remote Blower	Contact Labconco		
IV Bar Kit	3288901	30288903	
Ventus™ II Canopy Connection Kit**	3889211	3889213	
Airtight Damper (Included w/ B2)	3776800	3776800	

*For use with Ventus II Canopy only. B2 cabinets include airflow monitor.

**Required for venting of A2 BSCs



Labconco Hazardous Non-Sterile PECs

Features, Benefits & Ordering Information



Labconco RXPert™ Filtered Balance Systems are flexible containment ventilated enclosures (CVEs) specifically designed to meet USP <800> guidelines for hazardous non-sterile compounding. To withstand the rigorous demands of compounding pharmacies, RXPert Filtered Balance Systems are constructed of durable glass and steel, and are third-party validated to ensure maximum powder containment. RXPert

Filtered Balance Systems for hazardous non-sterile compounding typically require a segregated compounding room known as a Compounding Secondary Engineering Control, or C-SEC. Per USP <800>, a C-SEC is negatively pressurized between 0.01"-0.03" w.g., is vented to the outside and has at least 12 air changes per hour.



Safely Handle Powders
Smooth airflow is guided by entry airfoils and a Zone-Perforated™ baffle.



Spacious and Comfortable
Work area with arm rests and other ergonomic features.



Numerous Configurations
For every task from tablet splitting to large batch encapsulation.

100% Scannable HEPA's
Unique design ensures even the smallest leaks are detected.

Bag-in/Bag-out SafeFilter Exchange
Prevents technician and pharmacy exposure to hazardous powders during HEPA filter replacements.

Recirculating or Exhausted
Models provide complete flexibility and compatibility with all pharmacy designs.

Built to Last
Using glass and steel construction that withstands repeated cleanings.

Customized Models
Provide endless opportunities to contain unique processes in a safe and efficient manner.

CVE Placement Requirements	CVE Configuration	Locations
	Single HEPA (exhausted) Double HEPA (recirculating)	Containment Segregated Compounding Area (C-SCA) Negative Pressure 12+ ACPH Externally Vented

Labconco Hazardous Non-Sterile PECs

Features, Benefits & Ordering Information



RXPert Single Filtered Systems are filtered and exhausted for compounding pharmacies that choose to duct their enclosures for hazardous non-sterile compounding.

- USP <800> compliant CVE for hazardous non-sterile compounding
- Exhaust ductwork connection and manual duct damper included
- Bag-in/Bag-out system for fast, safe HEPA filter changing

Model	Configuration	Catalog Numbers		
RXPert Containment Ventilated Enclosures	Single HEPA (Vented)	Width	RXPert w/ Epoxy Work Surface	Base Stand
		3'	3971302	3746701
		4'	3971402	3746702

Models require 115V, 15A 60Hz outlet. Contact Labconco for additional widths and electrical configurations.



RXPert Double Filtered Systems are double HEPA-filtered (redundant) enclosures that require no ductwork. RXPert Double Filtered Systems are the only non-sterile compounding enclosures with 100% scannable redundant filters, which ensure maximum safety for compounding pharmacists and technicians.

- USP <800> compliant CVE for hazardous non-sterile compounding
- Ductless double HEPA filter design with Bag-In/Bag-Out system on each filter
- Each HEPA filter is 100% independently scannable — a Labconco exclusive

Model	Configuration	Catalog Numbers		
RXPert Containment Ventilated Enclosures	Double HEPA (Recirculating)	Width	RXPert w/ Epoxy Work Surface	Base Stand
		3'	3971382	3746701
		4'	3971482	3746702

Models require 115V, 15A 60Hz outlet. Contact Labconco for additional widths and electrical configurations.

Labconco Non-Hazardous Non-Sterile PECs

Features, Benefits & Ordering Information



Labconco XPert Systems are single HEPA filtered containment ventilated enclosures that protect compounding personnel from exposure to non-hazardous non-sterile powders. Simple to implement in your pharmacy, XPerts are designed to last. High quality materials and an open work area make compounding activities feel natural while you remain safe.



Spacious and Comfortable
Work area with arm rests and other ergonomic features.

100% Scannable HEPA Filters
Unique design ensures even the smallest leaks are detected.

Numerous Configurations
For every task from tablet splitting to large batch encapsulation.

Bag-in/Bag-out Safe Filter Exchange
Prevents technician and pharmacy exposure to hazardous powders during HEPA filter replacements.

Recirculating or Exhausted
Models provide complete flexibility and compatibility with all pharmacy designs.

Built to Last
Using glass and steel construction that withstands repeated cleanings.

Safely Handle Powders
With third-party validated containment.

Customized Models
Provide endless opportunities to contain unique processes in a safe and efficient manner.

CVE Placement Requirements	CVE Configuration	Location
USP <795>	Single HEPA (recirculating)	Unspecified

Labconco Non-Hazardous Non-Sterile PECs

Features, Benefits & Ordering Information



XPert Systems are Containment Ventilated Enclosures (CVEs) designed for non-sterile non-hazardous handling of powders. Xpert models are robust containment devices constructed of glass and steel, using HEPA filters to trap APIs and other hazards. All Xpert models may be converted into USP <800> compliant models using a Double HEPA Filtration Kit or Canopy Connection.

- USP <795> Compliant
- Contains APIs and other compounding powders
- 99.99% efficient HEPA filter (0.3 microns)

Model	Configuration	Catalog Numbers			
		Width	XPert	Epoxy Work Surface	Base Stand
XPert Containment Ventilated Enclosures	Single HEPA (Recirculating)	3'	3950301	3909901	3746701
		4'	3950401	3909902	3746702

Models require 115V, 15A 60Hz outlet. Contact Labconco for additional widths and electrical configurations.



Already have a Labconco XPert System and need to comply with USP <800>? Upgrade your existing non-sterile compounding enclosure with a field-installable option.

- Double HEPA Filtration Kit, shown at left, converts an XPert System into a double HEPA-filtered, USP <800> compliant enclosure.
- Canopy Connection Kit for XPert Systems allows for exhausting via ductwork after single HEPA filtration. Requires ductwork and remote blower (not included).

Width	Double HEPA Filtration Kit	Canopy Connection Kit
3'	3966103	3924401
4'	3966104	3924402

Contact Labconco for additional sizes (2' to 6').



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