

# AirClean® Systems

The Fume Control Experts.

Laboratory Solutions that provide  
an ISO 5 Clean Environment



PCR WORKSTATIONS • MICROSCOPE ENCLOSURES  
• LAMINAR FLOW HOODS

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# PCR Workstation

Combination PCR Workstations have a built-in 254 nm ultraviolet light that allows the operator to irradiate tubes, flasks and pipettes between amplifications. Clean, Class 100/ISO 5 laminar flow air prevents outside contaminants from entering into the work area during manipulation. The 254 nm UV light will effectively destroy potentially contaminating DNA and RNA within minutes. UVtect™ microprocessor controller monitors UV bulb and HEPA filter effectiveness.



32"-wide Combination PCR Workstation with built-in pipettor holder and UV shelf.

## Features:

- UVtect™ microprocessor controller with HEPA filtration monitoring\*
- Class 100/ISO 5 vertical laminar flow air
- Polycarbonate and polypropylene design to reflect UV energy
- Full access folding sash with safety switch
- Unibody plastic design — no joints or gaps in construction
- Digital UV light timer (0-59 minutes)
- Lab event timer
- UV shelf with built-in pipettor holder
- Slip-hatch utility access port
- 110V AC or 220V AC versions
- Available in 24", 32", and 48" widths; nominal depth 24"
- Shipped fully assembled

\* UVtect™ not available on 24" model

## Unique Safety Features:

- Clear polycarbonate construction reflects harmful 254 nm ultraviolet light
- Safety switch prevents opening workstation when UV light is illuminated
- Overlapping continuous design prevents leakage of 254 nm ultraviolet light
- Constant monitoring of UV light source for effectiveness

48"-wide Combination PCR Workstation



## PCR WORKSTATION DIMENSIONS

Product #	External Dimensions			Internal Dimensions		
	Width	Depth	Height	Width	Depth	Height
AC624LFUV*	24"	24"	30"	23"	23"	18"
AC632LFUVC	32"	24"	30"	31"	23"	18"
AC632TLFUVC	32"	24"	39"	31"	23"	27"
AC648LFUVC	48"	24"	32"	47"	23"	18"
AC648TLFUVC	48"	24"	42"	47"	23"	29"

\* UVtect™ not available on 24" model

# Vertical Lamellar Flow Workstation

AirClean® Systems AC600 Series vertical laminar flow workstations are ideal for non-hazardous applications that require a clean work area. These compact, lightweight workstations provide positive-pressure Class 100/ISO 5 air throughout the workstation and sash opening, keeping airborne particulate away from sensitive applications.



## Features:

- Clear, 360° visibility
- Class 100/ISO 5 or better air quality
- Microprocessor-based controller with HEPA filtration monitoring\*
- Available in 24", 32" or 48" widths
- Lab event timer
- Unibody plastic design — no joints or gaps in construction
- 110V AC or 220V AC versions
- Shipped fully assembled

\* Microprocessor controller not available on 24" model

## VERTICAL LAMINAR FLOW WORKSTATION DIMENSIONS

Product #	External Dimensions			Internal Dimensions		
	Width	Depth	Height	Width	Depth	Height
AC624LF	24"	24"	30"	23"	23"	18"
AC632LF	32"	24"	30"	31"	23"	18"
AC632TLF	32"	24"	39"	31"	23"	27"
AC648LF	48"	24"	32"	47"	23"	18"
AC648TLF	48"	24"	40"	47"	23"	29"

# Microscope Enclosure

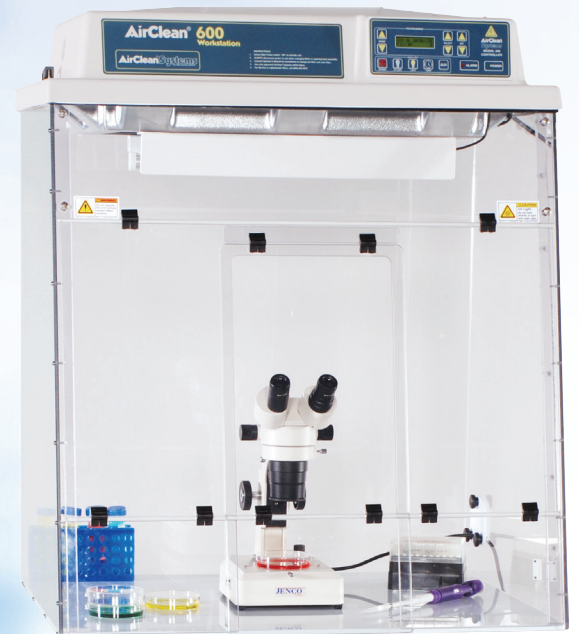
AirClean® Systems ductless microscope enclosures provide a Class 100/ISO 5 work environment. The microscope ocular port allows for easy access of the eyepiece and viewing platform.

## Features:

- Process protection enclosure provides vertical Class 100/ISO 5 clean air with timed UV irradiation
- Microprocessor controlled with HEPA filtration monitoring
- Clear, 360° visibility
- Available in 32", and 48" widths
- Lab event timer
- Shipped fully assembled

## MICROSCOPE ENCLOSURE DIMENSIONS

Product #	External Dimensions			Internal Dimensions		
	Width	Depth	Height	Width	Depth	Height
AC632TLFVVMIC	32"	24"	40"	31"	23"	28"
AC648TLFVVMIC	48"	24"	42"	47"	23"	30"



32"-wide AC632TLFVVMIC Microscope Enclosure

# Horizontal Laminar Flow Clean Bench

For ISO 5 applications requiring up to eight feet of working space, AirClean® Systems polypropylene clean benches provide ductless horizontal laminar air flow and ample width for multiple users. All clean benches feature single- or dual-wall construction. Dual-wall allows for side-mounted electrical outlets, gas, vacuum and water fixtures. Standard on all horizontal laminar flow clean benches, the UVTect™ controller constantly monitors HEPA filter conditions, alerting the operator of insufficient airflow and/or filter change.



AC5000HLF Dual-Wall Clean Bench shown

## Features:

- UVTect™ microprocessor controller
- NO RUST — all polypropylene construction
- Seamless, smooth construction minimizes air turbulence
- Built-in fluorescent lighting
- All-white surfaces are easy to clean
- Available in 110V or 220V AC

## Options:

- Custom sturdy cart or stand
- Electrical cord access port
- Sink and fixtures

## POLYPROPYLENE HORIZONTAL LAMINAR FLOW CLEAN BENCH DIMENSIONS

Product #	External Dimensions			Internal Dimensions		
	Width	Depth	Height	Width	Depth	Height
AC4000HLF	48"	30"	37"	41"	18"	27"
AC4000HLFSW	48"	30"	37"	47"	18"	27"
AC5000HLF	60"	30"	37"	53"	18"	27"
AC5000HLFSW	60"	30"	37"	59"	18"	27"
AC6000HLF	72"	30"	37"	65"	18"	27"
AC6000HLFSW	72"	30"	37"	71"	18"	27"
AC8000HLF	96"	30"	37"	89"	18"	27"
AC8000HLFSW	96"	30"	37"	95"	18"	27"



**AirClean® Systems**  
The Fume Control Experts.



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