FORENSIC
ENCLOSURES

CApture™ • *Portable Fuming Systems*
CApture™ **BT** • *Fuming Chambers*
Protector® • *Evidence Drying Cabinets*
Protector® • *Downdraft Powder Stations*

Protecting your
laboratory environment
LABCONCO

Forensic Enclosures
Table of Contents

The CApture Portable Fuming System identifies latent fingerprints on the scene and fixes them for safe transport to the laboratory.

The CApture BT Fuming Chamber has a spacious interior to accommodate long guns and other evidence during latent fingerprint processing.

The Protector Evidence Drying Cabinet dries evidence while protecting the user from exposure to potentially biohazardous materials.

The Protector Downdraft Powder Station keeps particulates and powders contained during fingerprint processing.

CApture™ Portable Fuming Systems

CApture™ BT Fuming Chambers

Protector® Evidence Drying Cabinets

Protector® Downdraft Powder Stations

CApture Portable Fuming System quickly fixes latent fingerprints at the crime scene using microburst or traditional CA fuming methods, while protecting the user from hazardous fumes. Its patented* design combines all the components needed in one compact system: heater to heat the Super Glue†; shatter-resistant, clear protective chamber to contain the fumes as they react with the latent prints; exhaust blower; and particulate/carbon exhaust filter. **No ducting is required.** Since prints may be easily developed at the scene, irrelevant evidence may be ruled out thus saving valuable laboratory processing time and storage space.

Patented* collapsible design. All components nest together into a compact package with handle for easy transport.

Clear, shatter-resistant chamber, interior dimensions 8" w x 8" d x 16" high, provides visibility to the evidence during the fuming process. Constructed of polycarbonate, the durable chamber serves as the carrying case during transport.

Particulate/activated carbon filter cartridge traps smoke and CA fumes exhausted from the chamber. The long-lasting cartridge has capacity for 100 development cycles.

Two heater receptacles hold heater pans, one with a small amount of Super Glue† or equivalent CA adhesive, and one with a small amount of water if needed. A door keeps heat contained. A pair of needle-nose pliers is included for safe handling near hot surfaces. Ten heater pans are included.

Easy to use. A video, available online, provides clear instruction on proper set up and use of the CApture.

Leveling foot with locking pin stabilizes the developer in an upright position. For transport, the foot is retractable to its full "Up" position.

Durable powder-coated steel housing.

Microprocessor-controlled heater allows the user to set the temperature in one degree increments from 120° to 350° F (50° to 177° C). Once set, the temperature of the heater stabilizes at the set point (±15° F) within 3 to 5 minutes.

Built-in blower pulls air from the chamber, through the filter and exhausts it from the system back into the room. An accessory Exhaust Connection Kit allows it to be exhausted out a window or into a fume hood.

Stainless steel support manifold provides attachment for an evidence shelf and hook mounted at several heights. Three slots are provided to hold control slides for monitoring the print development.

Three-way heater/off/vent switch activates the heater during print development and activates the vent after prints have been fixed.

LCD displays the current heater temperature setting while in programming mode and actual heater temperature while in operating mode.

Inverter ready. Low energy usage of 75 watts allows the CApture to run on car battery when connected to a user-supplied inverter.

Exclusive feature

CApture™ Portable Fuming Systems
Specifications & Ordering Information

SPECIFICATIONS

- Patented* collapsible design
- Clear, polycarbonate chamber, interior dimensions: 8.0" (20 cm) w x 8.0" (20 cm) d x 16.0" (41 cm) high
- Heater with microprocessor-control in one degree increments from 120° to 350° F (50 to 177° C). Temperature of the heater stabilizes at the set point (+/-15° F) within 3 to 5 minutes.
- Two heater receptacles with heater door to accommodate heater pans. Ten aluminum heater pans are included.
- Stainless steel support manifold with three control slide slots and perforations for attaching a shelf and hook
- Stainless steel hook, shelf and perforated tray
- Control panel with LCD for displaying set point or actual heater temperature in °F and "Up," "Down," and "Set" buttons for programming set point temperature
- Three-way heater/off/vent switch
- Rear-mounted main power switch/circuit breaker
- Leveling foot with locking pin
- Powder-coated steel housing
- Built-in exhaust blower
- Particulate/activated carbon filter cartridge with MERV 11 rating and capacity for 100 development cycles
- ETL listed (Model 3420000)
- CE conformity marking (Models 3420020, 3420022 and 3420024)
- ⚠**WARNING:** Cancer - P65Warnings.ca.gov (California only)
- 6' (1.8 meters) power cord with plug
- Actual weight 24 lbs. (11 kg)
- Shipping weight 30 lbs. (14 kg)

CApture Portable Fuming System 3420000

ORDERING INFORMATION

Catalog #	Electrical Requirements	Plug Type
3420000	115V, 60 Hz, 1A	115V, 13A
3420020**	230V, 50/60 Hz, 0.5A	British (UK)
3420022**	230V, 50/60 Hz, 0.5A	Schuko
3420024**	230V, 50/60 Hz, 0.5A	China/Australia

**International electrical configuration

PLUG CONFIGURATIONS

North America, 115V

British (UK)

Schuko

China/Australia

Exclusive feature   * U.S. Patent No. 8,430,054
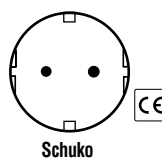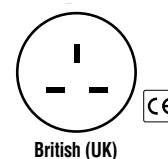
CApture™ Portable Fuming Systems
Accessories & Dimensional Data

ACCESSORIES

3425202 Replacement Aluminum Heater Pans. Disposable aluminum pans for holding Super Glue® or water. Ten pans are included with each CApture Portable Fuming System. Package of 250. Shipping weight 1.0 lb. (0.5 kg)

3421901 Replacement Clear Chamber. With latches. Polycarbonate. Shipping weight 13 lbs. (5 kg)

3421801 Replacement Particulate/Activated Carbon Filter Cartridge. Capacity for 100 development cycles. Shipping weight 5.0 lbs. (2.3 kg)
⚠**WARNING:** Cancer - P65Warnings.ca.gov (California only)

3425400 Exhaust Connection Kit. Allows the Fuming System to exhaust to a remote location, such as out a window or into a nearby fume hood. Includes 10' long, 4" diameter collapsible duct. Shipping weight 1.0 lb. (0.5 kg)

3422202 Stainless Steel Hook. Allows evidence to hang inside the clear chamber. Type 304 stainless steel. One Hook is included with each CApture Portable Fuming System. Shipping weight 1.0 lb. (0.5 kg)

3422203 Stainless Steel Shelf. Allows evidence to be supported in the clear chamber during development. 7" w x 5" d (18 x 13 cm). Type 304 stainless steel. One Shelf is included with each CApture Portable Fuming System. Shipping weight 1.0 lb. (0.5 kg)

3426101 Stainless Steel Perforated Tray. May be placed on the Stainless Steel Shelf to support small items of evidence. Perforations allow for airflow. 7.25" w x 5.25" d (18 x 13 cm). Type 304 stainless steel. One Tray is included with each CApture Portable Fuming System. Shipping weight 1.0 lb. (0.5 kg)

DIMENSIONAL DATA

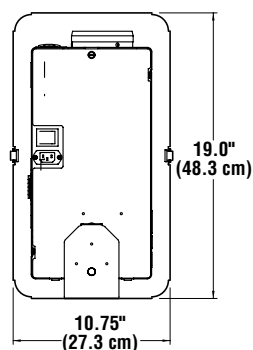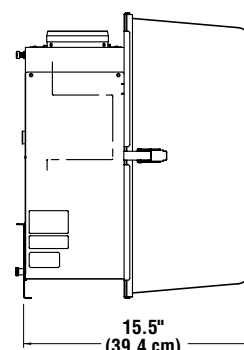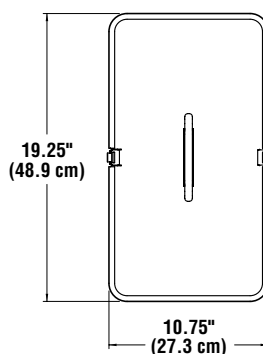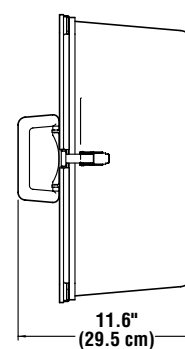

19.0" (48.3 cm) | **10.75" (27.3 cm)** — BACK
15.5" (39.4 cm) — SIDE
19.25" (48.9 cm) | **10.75" (27.3 cm)** — TOP
11.6" (29.5 cm) — SIDE

5

CApture™ BT Fuming Chambers
Features & Benefits

This benchtop chamber with microprocessor control automates the Cyanoacrylate (CA) fuming of evidence. Its allows control and monitoring of parameters in the Super Glue® fuming process with the precision to store and easily repeat specified programs. The spacious interior accommodates large evidence including long guns.

Interior cleans easily. CA deposits on the Type 304 stainless steel liner may be easily removed with stainless steel cleaner.

Microprocessor-controlled operating system with capacity for 20 programs provides flexibility and control of chamber humidity, pre-fuming humidity incubation for old evidence hydration, fuming temperature, and fuming and exhaust times. Three programs are factory set for high heat, low heat and Lumicyano*. Diagnostic mode simplifies troubleshooting.

Perforated floor allows CA fumes to reach all sides of evidence placed on it and is removable for cleaning.

Convenient drawer, 28" w x 13" d x 1.5" h, has flush-mounted disappearing handle, platform for supporting fuming dishes while adding CA, and compartments to store glue, hanging rods and other accessories and supplies.

Acti-Vent™ Smart Controls purge air to protect evidence and the user. Purging continues for up to 30 minutes after exhaust cycle ends to prevent overfuming and may be programmed to continue during evidence unloading. Standby mode refreshes chamber air when not in use. Cleaning mode allows air to be exhausted when the door is open to protect the user from noxious vapors.

LED light illuminates the interior and flashes for 30 minutes to indicate the end of a fuming cycle.
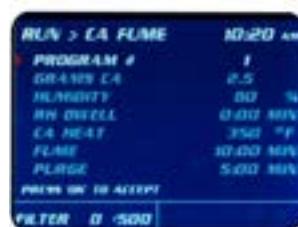
Easy-to-access filters. Prefilter and exhaust and humidifier filters may be easily changed from inside the chamber.

Optional CApture BT Mobile Stand supports the chamber and adds portability. Shelves and side compartment hold accessories and other items. See page 8 for ordering information.

Dual blower design. ECM recirculation blower provides equal airflow through the chamber during humidifying and fuming cycles, even when the chamber is fully loaded. Exhaust blower directs air out of the chamber after passing through a prefilter and carbon filter to protect the operator.

Full-color, eye-level LCD control screen provides at-a-glance monitoring. Displays include number of completed fuming cycles, filter life remaining, and low-level water reservoir and open door alerts.

Largest interior of any benchtop chamber available holds up to 15 long guns. Interior is 27" wide, 27" deep, 44.5" high, 58.6" diagonal and 19 cubic feet.

Electronic door lock with power outage manual override prevents opening during the fuming cycle. Accommodates tamper-evident security tags (sold separately).

Quick-release sidewall brackets allow easy installation and removal of accessory shelves (sold separately).

Built-in humidifier with compartment that houses and provides easy access to the water bottle.

CA fuming compartment houses and provides easy access to the heater plate.

*Lumicyano™ is a trademark of Crime Scene Technology, Villeneuve-d'Ascq, France.

Exclusive feature

SPECIFICATIONS

- Type 304 brushed stainless steel interior with removable perforated floor, four stainless steel hanging rods (26.9" long x 3/8" dia.) and quick-release sidewall brackets mounted at four heights
- Powder-coated steel exterior
- Interior space of 19 cubic feet and 58.6" diagonal dimension
- Built-in humidifier and compartment with 500 ml water bottle
- Built-in CA fuming compartment with heater plate
- Tempered safety glass door with electronic door lock to prevent opening during the fuming cycle. Includes power outage override.
- Interior LED light for illumination and 30-minute end-of-fuming-cycle alert
- ECM recirculation blower
- Exhaust blower
- Full-color, eye-level LCD control screen for display of programs, program parameters, number of completed fuming cycles, filter life remaining, low-level water reservoir and open door alerts
- Microprocessor-controlled operating system for adjustment of chamber humidity to 80% +/- 5% relative humidity, pre-fuming humidity incubation, fuming temperature up to 424° F (218° C) within +/- 1%, and fuming and exhaust times. Stores 20 programs. Includes 3 factory set programs: Low Heat, High Heat, Lumicyano. Includes diagnostic mode with audible/visual alerts for program cycle completion
- Acti-Vent™ Smart Controls with programmable purge time, standby exhaust mode and cleaning mode
- Drawer, 28.0" w x 13.0" d x 1.5" h (71 x 33 x 4 cm) with flush-mounted disappearing handle and 5.0" x 6.0" platform
- One each Prefilter, Carbon Filter and Humidifier Filter are included and accessible from inside the chamber
- Four leveling feet, 10' (3 meter) power cord and plug
- ETL and ETL-C listed (Models 3170000 and 3170001)
- CE conformity marking (Models 3170002, 3170003, 3170004 and 3170005)
- **Super Glue®, fuming dishes, and purified water are required (not included)**
- Shipping weight 480 lbs. (218 kg)

ORDERING INFORMATION

Catalog #	Electrical Requirements	Plug Type
3170000	115V, 60 Hz, 8A	115V, 15A
3170001	230V, 50/60 Hz, 4A	North America, 230V
3170002*	230V, 50/60 Hz, 4A	Schuko
3170003*	230V, 50/60 Hz, 4A	British (UK)
3170004*	230V, 50/60 Hz, 4A	China/Australia
3170005*	230V, 50/60 Hz, 4A	India

*International electrical configuration

Exclusive feature

CApture BT Fuming Chamber 3170000 on CApture BT Mobile Stand 3182900

PLUG CONFIGURATIONS

115V, 15A   North America, 230V   Schuko

British (UK)   China/Australia   India

AIRFLOW

Carbon Filter

Contaminated air

Filtered air

Humidifier Compartment

CA Fuming Compartment
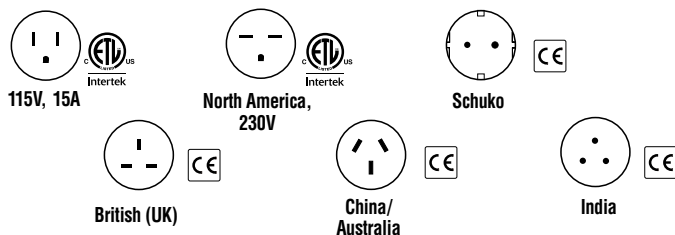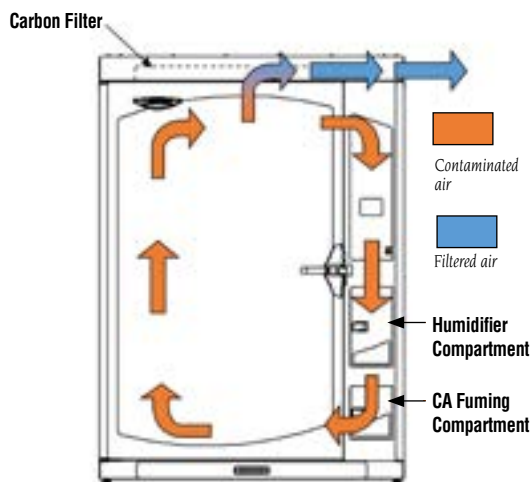
During the humidifying or fuming cycle, air is recirculated within the chamber. The recirculation blower pulls air from the top of the chamber and directs it to the bottom of the chamber. During the exhaust or purge cycle, the exhaust blower draws air from inside the chamber through a prefilter and carbon filter located above the top of the chamber. The exhaust blower then directs the filtered air back into the room via slot openings located on the right side rear.

CApture™ BT Fuming Chambers
Dimensional Data & Accessories

FRONT

Dimensions shown: 37.6" (95.5 cm) width; 44.5" (113.0 cm) Inside height; 27.0" (68.6 cm) Inside width; 52.8" (134.2 cm) Including leveling feet; 73.6" (186.9 cm) Min; 80.6" (204.7 cm) Max with optional CApture BT Mobile Stand

SIDE

Dimensions shown: 29.1" (74.0 cm) depth; 27.0" (68.6 cm) Inside depth; 34.5" (87.6 cm); CApture BT Mobile Stand 3182900 (sold separately)
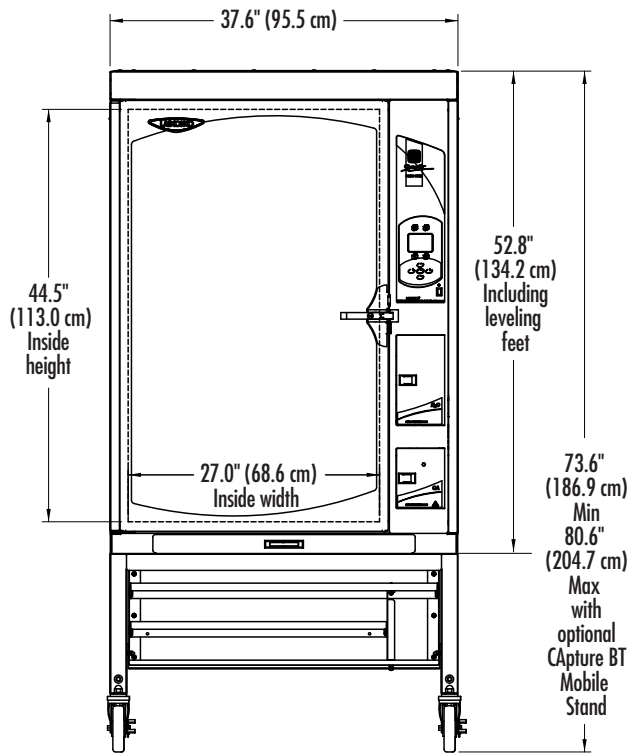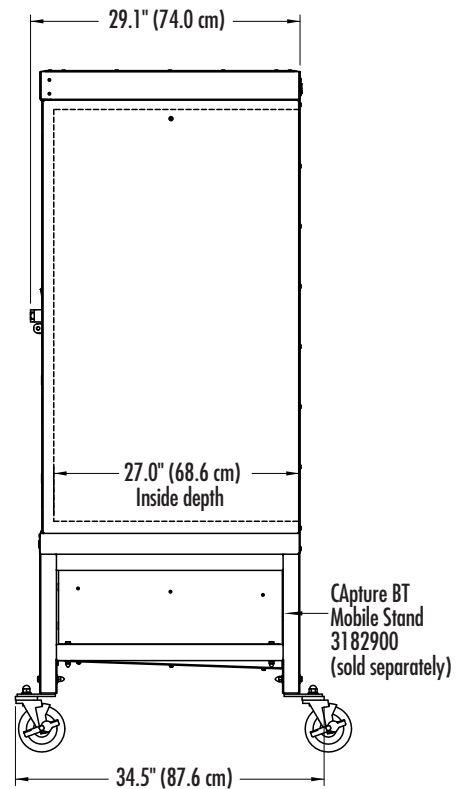
3182900 *CApture BT Mobile Stand.* Powder-coated steel frame with 5" diameter, toe-locking, polyurethane casters. Manually adjustable height from 21" to 28" h (53 to 71 cm). Shelves and compartment hold supplies and accessories. Overall width x depth: 37.6" x 34.5" (96 x 88 cm). Shipping weight 150 lbs. (68 kg)

3187000 *CApture BT Exhaust Connection Kit.* Allows the cabinet to be connected to house exhaust or other exhaust system. Includes powder-coated steel connector with 5.0" (127 mm) diameter color. Shipping weight 20 lbs. (9 kg)

3184100 *Long Gun Holder Kit.* Provides five U-shaped cradles for long guns to be held securely. Holder locks into existing side wall brackets. CApture BT can accommodate up to 15 long guns (three Holder Kits required). Stainless steel. Shipping weight 5.0 lbs. (2.3 kg)

3184000 *Hanging Rod Kit.* Includes four stainless steel rods, 26.9" long x 3/8" diameter (68 x 1 cm). Rod weight limit: 15 lbs. (7 kg). Four each rods are included with each CApture BT. Shipping weight 5.0 lbs. (2.3 kg).

Wire Shelf Kits. Each shelf fits onto CApture BT sidewall brackets. The CApture BT can hold up to four wire shelves. Shelf weight limit: 25 lbs. (11 kg). Stainless steel. Shelf dimensions: 26" w x 23" d (66 x 58 cm).

Catalog Number	Description	Shelf Quantity	Shipping Weight
3181511	Wire Shelf Kit-1	1	5.0 lbs. (2.3 kg)
3181512	Wire Shelf Kit-2	2	10 lbs. (5 kg)
3181514	Wire Shelf Kit-4	4	20 lbs. (9 kg)

3181522 *Wire Half Shelf Kit.* Includes two wire half-depth shelves that fit onto CApture BT sidewall brackets. CApture BT can hold up to eight half-depth shelves. Stainless steel. Shelf weight limit: 15 lbs. (7 kg). Shelf dimensions: 26" w x 12" d (66 x 30 cm). Shipping weight 5.0 lbs. (2.3 kg).

Perforated Shelf Kits. Each shelf fits onto CApture BT sidewall brackets. CApture BT can hold up to three perforated shelves. Stainless steel. Shelf dimensions: 26" w x 23" d (66 x 58 cm). Shelf weight limit: 25 lbs. (11 kg).

Catalog Number	Description	Shelf Quantity	Shipping Weight
3181611	Perforated Shelf Kit-1	1	10 lbs. (5 kg)
3181612	Perforated Shelf Kit-2	2	20 lbs. (9 kg)
3181613	Perforated Shelf Kit-3	3	30 lbs. (14 kg)

3181700 *Casing Holder Kit.* Provides 44 numbered standoffs for upside down casing placement. For casings .32 caliber or larger. Shipping weight 10 lbs. (5 kg)

3184200 *Large Clip Kit.* Includes ten large clips. Each clip is 3.5" x 1.5" x approximately 0.3" thick (9 x 4 x 0.8 cm). For easy hanging of larger items, such as hand guns. Stainless steel. Shipping weight 2.0 lbs. (0.9 kg)

3184300 *Mini Clip Kit.* Includes ten small, alligator-style clips. Each clip is 1.2" x 0.3" (3 x 0.8 cm). For easy hanging of smaller, lightweight items, such as plastic bags. Shipping weight 1.0 lb. (0.5 kg)

3902400 *Security Tags*. Tamper-evident, label tags irreversibly indicate if the chamber door has been opened during the fuming cycle. Package of 100. Shipping weight 1.0 lb. (0.5 kg)

3181400 *Replacement Prefilter, Exhaust.* Polyester prefilter prolongs the life of the Carbon Filter. Replace approximately every 50 cycles. Package of 10 filters. Shipping weight 7.0 lbs. (3.2 kg)

3186500 *Replacement Carbon Filter, Exhaust.* Granular activated carbon filter traps CA fumes prior to exhaust from the chamber. Replace approximately every 500 cycles. One each. Shipping weight 16 lbs. (7 kg)

3181401 *Replacement Humidifier Filter.* Activated carbon filter protects the humidifier from CA fumes. Replace approximately every 500 cycles. One each. Shipping weight 9.0 lbs. (4.1 kg)

3185900 *Complete Replacement Filter Kit.* Provides all filters necessary for approximately 500 cycles. Includes one 3186500 Carbon Filter, one 3181401 Humidifier Filter and one package of 3181400 Prefilters (10 each). Shipping weight 34 lbs. (15 kg)

Protector® Evidence Drying Cabinets with UV Light
Features & Benefits

The durable, stainless steel-lined Protector Evidence Drying Cabinet provides a secure ventilated area to dry evidence such as clothing and bedding. The cabinet's HEPA and carbon filtered exhaust protects personnel from exposure to biohazards while eliminating nuisance odors. The key-activated ultraviolet light provides secondary disinfection of the interior between cases to prevent cross contamination, ensuring integrity of samples for DNA testing. The lockable cabinet maintains the chain of custody. Full-length cabinets are available in 3', 4' and 5' widths and benchtop cabinets in 3' width.

Ultraviolet light for secondary decontamination of the cabinet interior. After evidence is removed and following disinfection, the UV light may be activated to help prevent DNA cross contamination from case to case.

UV security lock limits access to the ultraviolet light switch. A key activates the switch and may be stored in a remote location, accessible only by authorized personnel. See photo on page 11.

Safety glass door maximizes visibility into the cabinet while withstanding exposure to ultraviolet light. The scratch-resistant door has a magnetic seal and may be secured with a user-supplied padlock or tamper-evident tags.

Inlet roughing prefilter traps dust and other large particles in the air entering the cabinet.

Storage area below the cabinet houses the drain bucket and holds miscellaneous cleaning supplies.

Leak-tight brushed stainless steel interior cleans easily. Stainless steel withstands degradation by surface disinfectants and exposure to ultraviolet radiation during secondary decontamination. The interior floor is sloped to a drain to aid clean up.

Three-position switch activates the fan or the ultraviolet light (only when the UV security lock key is in the "ON" position). See photo on next page.

Activated organic vapor carbon filter removes nuisance odors from the air as it is exhausted from the cabinet to the room.

HEPA filter, 99.99% efficient on particles 0.3 micron, traps airborne particulates including biohazardous aerosols, as air is exhausted from the cabinet interior to the room.

Red alarm light alerts the operator to low airflow conditions that may indicate a loaded prefilter or HEPA filter.

Spacious interior holds items large and small. A stainless steel hanging rod accommodates clothing, bedding and other tall items. Three stainless steel wire mesh shelves, support smaller items such as wallets, shoes and gloves. The shelves may be collapsed or removed when not in use.

Exhaust roughing prefilter traps particulates in the exhaust air to prolong the life of the HEPA filter.

Large 14-quart plastic bucket, located in the storage area below the cabinet on full length cabinets, collects liquids from the drain in the cabinet's floor to aid clean up. Alternatively, the optional **Drain Kit 3928200** provides a means for the floor drain to be directed to plumbing.

Built-in blower provides airflow through the cabinet interior to speed drying. Air passes through the door inlet prefilter, circulates up through the interior, passes through the exhaust prefilter, HEPA and carbon filters and is exhausted back to the room via the top.

Portable (3' wide models). Full-length 3' cabinet dimensions accommodate passage through a standard door. Locking casters, 2" diameter, allow for portability. A rear strap and bracket secure the cabinet to the wall. Cabinets, 4' and 5' wide, have leveling feet for stationary installation.

Exclusive feature

3' Protector® Evidence Drying Cabinets with UV Light
Specifications & Ordering Information

SPECIFICATIONS

- 254 nm UV lamp
- Key-activated UV light switch
- Type 304 brushed stainless steel interior with 2" OD floor drain with strainer, stainless steel hanging rod, and three stainless steel collapsible/removable wire mesh shelves, 8.0" w x 19.0" d (20.3 x 48.3 cm)
- Powder-coated steel exterior
- Storage area, 36.0" w x 26.5" d x 12.0" high (91.4 x 67.3 x 30.5 cm), with door and 14-quart (13.25 liter) plastic bucket
- Safety glass door with magnetic seal that accommodates a user-supplied padlock or tamper-evident tag
- 2" diameter locking casters
- Inlet and exhaust roughing prefilters with MERV 11 rating
- Exhaust HEPA filter, 99.99% efficient on particles 0.3 micron
- Activated organic vapor carbon filter, 7.5 lbs. (3.4 kg) porous coconut shell media
- Built-in blower with solid state speed control
- Red alarm light to alert operator to low airflow conditions
- Three-position switch: fan ON, OFF, ultraviolet light ON
- ETL listed (Models 3400000 and 3400001)
- CE conformity marking (Models 3400002, 3400003 and 3400004)
- 8' (2.4 meter) power cord with plug
- Shipping weight 450 lbs. (204 kg)

ORDERING INFORMATION

Catalog #	Electrical Requirements	Plug Type
3400000	115V, 60 Hz, 3A	115V, 13A
3400001	230V, 50/60 Hz, 2A	North America, 230V
3400002*	230V, 50/60 Hz, 2A	British (UK)
3400003*	230V, 50/60 Hz, 2A	Schuko
3400004*	230V, 50/60 Hz, 2A	China/Australia

*International electrical configuration

Protector Evidence Drying Cabinet 3400000 is shown with ultraviolet light on.

PLUG CONFIGURATIONS

115V, 13A   ETL c us Intertek

North America, 230V   ETL c us Intertek

British (UK)   CE

Schuko   CE

China/Australia   CE
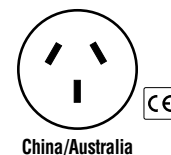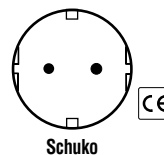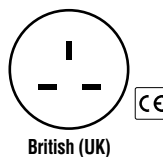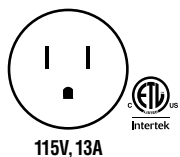
Close up of the control panel shows the filter system light, three-position switch and UV security lock.

Exclusive feature

SPECIFICATIONS

- 254 nm UV lamp
- Key-activated UV light switch
- Type 304 brushed stainless steel interior with stainless steel hanging rod and two stainless steel collapsible/removable wire mesh shelves, 8.0" w x 19.0" d (20.3 x 48.3 cm)
- Powder-coated steel exterior
- Safety glass door with magnetic seal that accommodates a user-supplied padlock or tamper-evident tag
- 2" diameter locking casters
- Inlet and exhaust roughing prefilters with MERV 11 rating
- Exhaust HEPA filter, 99.99% efficient on particles 0.3 micron
- Activated organic vapor carbon filter, 7.5 lbs. (3.4 kg) porous coconut shell media
- Built-in blower with solid state speed control
- Red, filter system alarm light to alert operator to low airflow conditions
- Three-position switch: fan ON, OFF, ultraviolet light ON
- ETL listed (Models 3390000 and 3390001)
- CE conformity marking (Models 3390002, 3390003 and 3390004)
- 8' (2.4 meter) power cord with plug
- Shipping weight 375 lbs. (170 kg)

Protector Benchtop Evidence Drying Cabinet 3390000

ORDERING INFORMATION

Catalog #	Electrical Requirements	Plug Type
3390000	115V, 60 Hz, 3A	115V, 13A
3390001	230V, 50/60 Hz, 2A	North America, 230V
3390002*	230V, 50/60 Hz, 2A	British (UK)
3390003*	230V, 50/60 Hz, 2A	Schuko
3390004*	230V, 50/60 Hz, 2A	China/Australia

*International electrical configuration

PLUG CONFIGURATIONS

115V, 13A

North America, 230V

British (UK)

Schuko

China/Australia
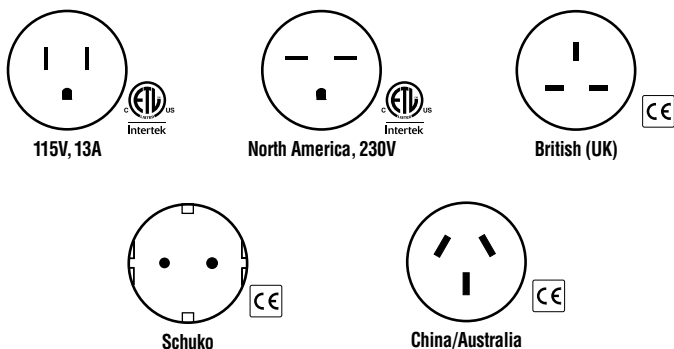
Protector® Evidence Drying Cabinets with Washdown
Features & Benefits

Durable, stainless steel-lined Protector Evidence Drying Cabinet provides a secure ventilated area to dry evidence such as clothing and bedding. The cabinet's HEPA and carbon-filtered exhaust protects personnel from exposure to biohazards while eliminating nuisance odors. The spray nozzle allows the interior to be washed down for easy clean up after the cabinet has been properly disinfected. A built-in water pump aids clean up. Available in 3', 4' and 5' widths.

Leak-tight brushed stainless steel interior cleans easily. Stainless steel withstands degradation by surface disinfectants.

Easy-to-grip nozzle with adjustable jet spray from gentle shower to full action.

Safety glass door maximizes visibility into the cabinet. The scratch-resistant door has a magnetic seal and may be secured with a user-supplied padlock or tamper-evident tags.

Inlet roughing prefilter traps dust and other large particles in the air entering the cabinet. The exhaust roughing prefilter traps particulates in the exhaust air to prolong the life of the HEPA filter.

Three-position switch activates the fan or pump.

Built-in blower provides airflow through the cabinet interior to speed drying. Air passes through the door inlet prefilter, circulates up through the interior, passes through the exhaust prefilter, HEPA and carbon filters and is exhausted back to the room via the top.

Activated organic vapor carbon filter removes nuisance odors from the air as it is exhausted from the cabinet to the room.

Portable (3' wide models). Cabinet dimensions of 3' wide models accommodate passage through a standard door. Locking casters, 2" diameter, allow for portability. A rear strap and bracket secure the cabinet to the wall. Cabinets, 4' and 5' wide, have leveling feet for stationary installation.

HEPA filter, 99.99% efficient on particles 0.3 micron, traps airborne particulates including biohazardous aerosols, as air is exhausted from the cabinet interior to the room.

Red filter system alarm light illuminates to alert the operator to low airflow conditions that may indicate a loaded prefilter or HEPA filter. See photo on next page.

Spacious interior holds items large and small. A stainless steel hanging rod accommodates clothing, bedding and other tall or bulky items. Three wire mesh shelves, 8.0" wide x 19.0" deep, support smaller items such as wallets, shoes and gloves. The shelves may be collapsed or removed when not in use.

The floor slopes to a 2" OD drain with strainer to aid clean up. The drain is preplumbed and attaches to a 10' long hose. The built-in water pump speeds evacuation.

Storage area below the cabinet provides access to the spray nozzle and water shut off valve and can be used to house supplies.

Exclusive feature

3' Protector® Evidence Drying Cabinets with Washdown
Specifications & Ordering Information

SPECIFICATIONS

- Type 304 brushed stainless steel interior with 2" OD floor drain with strainer, stainless steel hanging rod, and three stainless steel collapsible/removable wire mesh shelves, 8.0" w x 19.0" d (20.3 x 48.3 cm)
- Powder-coated steel exterior
- Storage area, 17.5" w x 26.5" d x 12.0" high (44 x 67 x 30 cm)
- Spray nozzle with adjustable stream and 6' (1.8 meter) hose
- Safety glass door with magnetic seal that accommodates a user-supplied padlock or tamper-evident tag
- 2" diameter locking casters
- Inlet and exhaust roughing prefilters with MERV 11 rating
- Exhaust HEPA filter, 99.99% efficient on particles 0.3 micron
- Activated organic vapor carbon filter, 7.5 lbs. (3.4 kg) porous coconut shell media
- Built-in blower with solid state speed control
- Built-in 30 liters/minute pump
- Water shut off valve
- Red, filter system alarm light to alert operator to low airflow conditions
- Three-position switch: fan ON, OFF, pump ON
- ETL and ETL-C listed (Models 3400000 and 3400001)
- CE conformity marking (Models 3400002, 3400003 and 3400004)
- 10' (3.5 meter) rubber drain hose preplumbed to drain
- 8' (2.4 meter) power cord with plug
- Shipping weight 450 lbs. (204 kg)

Protector Evidence Drying Cabinet 3400010

ORDERING INFORMATION

Catalog #	Electrical Requirements	Plug Type
3400010	115V, 60 Hz, 3A	115V, 13A
3400011	230V, 50/60 Hz, 2A	North America, 230V
3400012*	230V, 50/60 Hz, 2A	British (UK)
3400013*	230V, 50/60 Hz, 2A	Schuko
3400014*	230V, 50/60 Hz, 2A	China/Australia

*International electrical configuration

PLUG CONFIGURATIONS

115 volts, 13 amps   **North America, 230 volts**   **British (UK)**

Schuko   **China/Australia**
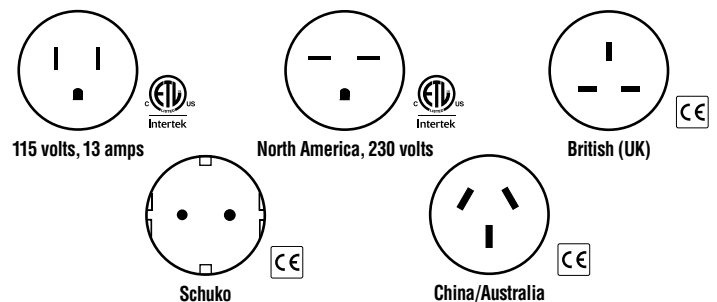
Close up of the control panel shows the filter system light and three-position fan/off/pump switch.

Exclusive feature

4' & 5' Protector® Evidence Drying Cabinets
Specifications & Ordering Information

SPECIFICATIONS

ALL MODELS FEATURE:

- Type 304 brushed stainless steel interior with 2" OD floor drain, stainless steel hanging rod and three stainless steel collapsible/removable wire mesh shelves, 8.0" w x 19.0" d (20.3 x 48.3 cm)
- Powder-coated steel exterior with leveling feet
- Safety glass double door with magnetic seal that accommodates a user-supplied padlock or tamper-evident tag
- Inlet and exhaust roughing prefilters with MERV 11 rating
- Exhaust HEPA filter, 99.99% efficient on particles 0.3 micron
- Activated organic vapor carbon exhaust filter, 7.5 lbs. (3.4 kg) porous coconut shell media
- Built-in blower with solid state speed control
- Red, filter system alarm light to alert operator to low airflow conditions
- ETL listed (115 volt and 230 volt North America models)
- CE conformity marking (230 volt International models)
- 8' (2.4 meter) power cord with plug
- Shipping weight 585 lbs. (265 kg) for 4' and 675 lbs. (306 kg) for 5'

MODELS WITH UV LIGHT INCLUDE:

- 254 nm, key-activated UV lamp
- Storage area, 44.25" w x 26.5" d x 12.0" h (112.4 x 67.3 x 30.5 cm) for 4' models and 56.25" w x 26.5" d x 12.0" h (142.9 x 67.3 x 30.5 cm) for 5' models
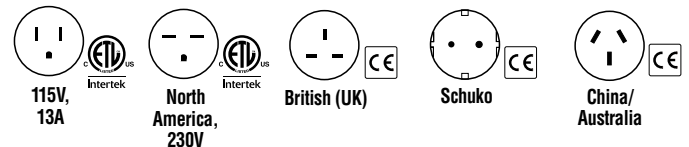
MODELS WITH WASHDOWN INCLUDE:

- Spray nozzle with adjustable stream and 6' (1.8 meter) hose
- 10' (3.5 meter) rubber drain hose preplumbed to drain
- Storage area, 4' models: 27.5" w x 26.5" d x 12.0" h (69.9 x 67.3 x 30.5 cm), 5' models: 39.5" w x 26.5" d x 12.0" h (100.3 x 67.3 x 30.5 cm)

5' Protector Evidence Drying Cabinet 3405010

PLUG CONFIGURATIONS

115V, 13A — **North America, 230V** — **British (UK)** — **Schuko** — **China/Australia**

ORDERING INFORMATION

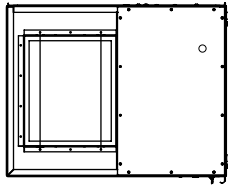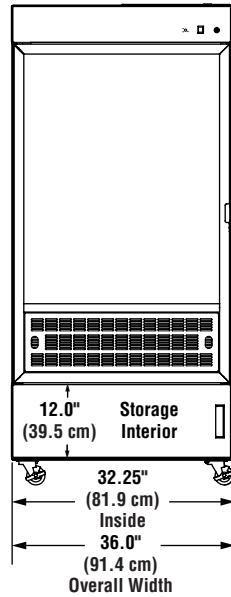| Catalog #	Nominal Width	With	Electrical Requirements	Plug Type
3404000	4 Feet	UV Light	115V, 60 Hz, 6A	115V, 13A
3404001	4 Feet	UV Light	230V, 50/60 Hz, 3A	North America, 230V
3404002*	4 Feet	UV Light	230V, 50/60 Hz, 3A	British (UK)
3404003*	4 Feet	UV Light	230V, 50/60 Hz, 3A	Schuko
3404004*	4 Feet	UV Light	230V, 50/60 Hz, 3A	China/Australia
3404010	4 Feet	Washdown	115V, 60 Hz, 6A	115V, 13A
3404011	4 Feet	Washdown	230V, 50/60 Hz, 3A	North America, 230V
3404012*	4 Feet	Washdown	230V, 50/60 Hz, 3A	British (UK)
3404013*	4 Feet	Washdown	230V, 50/60 Hz, 3A	Schuko
3404014*	4 Feet	Washdown	230V, 50/60 Hz, 3A	China/Australia
3405000	5 Feet	UV Light	115V, 60 Hz, 6V	115V, 13A
3405001	5 Feet	UV Light	230V, 50/60 Hz, 3A	North America, 230V
3405002*	5 Feet	UV Light	230V, 50/60 Hz, 3A	British (UK)
3405003*	5 Feet	UV Light	230V, 50/60 Hz, 3A	Schuko
3405004*	5 Feet	UV Light	230V, 50/60 Hz, 3A	China/Australia
3405010	5 Feet	Washdown	115V, 60 Hz, 6A	115V, 13A
3405011	5 Feet	Washdown	230V, 50/60 Hz, 3A	North America, 230V
3405012*	5 Feet	Washdown	230V, 50/60 Hz, 3A	British (UK)
3405013*	5 Feet	Washdown	230V, 50/60 Hz, 3A	Schuko
3405014*	5 Feet	Washdown	230V, 50/60 Hz, 3A	China/Australia

*International electrical configuration   Exclusive feature
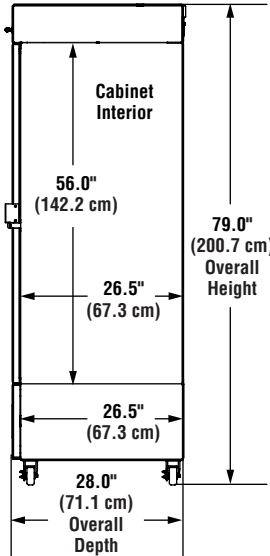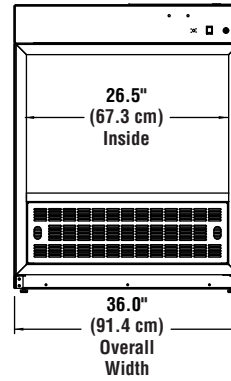
Protector® Evidence Drying Cabinets
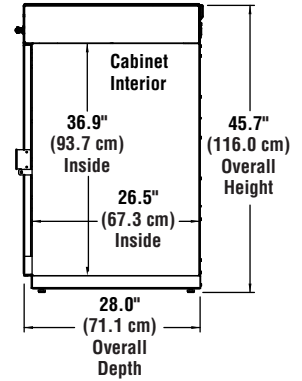## Dimensional Data

TOP
3' on Casters &
3' Benchtop

Cabinet Interior
56.0"
(142.2 cm)

26.5"
(67.3 cm)

79.0"
(200.7 cm)
Overall
Height

12.0"
(39.5 cm)

Storage Interior

32.25"
(81.9 cm)
Inside

36.0"
(91.4 cm)
Overall Width

26.5"
(67.3 cm)

28.0"
(71.1 cm)
Overall
Depth

FRONT
3' on Casters

SIDE
3' on Casters

26.5"
(67.3 cm)
Inside

36.0"
(91.4 cm)
Overall
Width

Cabinet Interior
36.9"
(93.7 cm)
Inside

26.5"
(67.3 cm)
Inside

45.7"
(116.0 cm)
Overall
Height

28.0"
(71.1 cm)
Overall
Depth

FRONT
3' Benchtop

SIDE
3' Benchtop

TOP
4' & 5' with
Leveling Feet

Nominal Width	A	B
4 Feet	48.0" (121.9 cm)	44.25" (112.4 cm)
5 Feet	60.0" (152.4 cm)	56.25" (142.9 cm)

B
Inside

12.0"
(39.5 cm)

Storage
Interior

A
Overall Width

Cabinet
Interior

56.0"
(142.2 cm)
Inside

26.5"
(67.3 cm)
Inside

75.5"
(191.8 cm)
Overall
Height

26.5"
(67.3 cm)

28.6"
(72.6 cm)
Overall
Depth
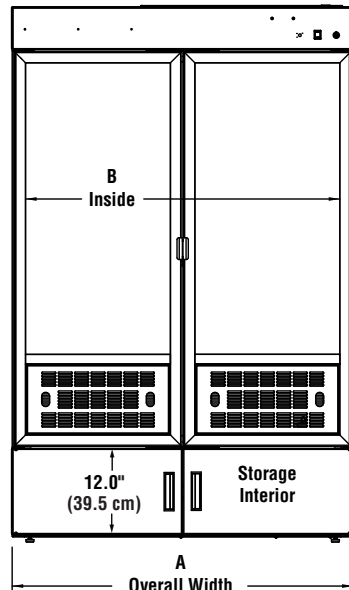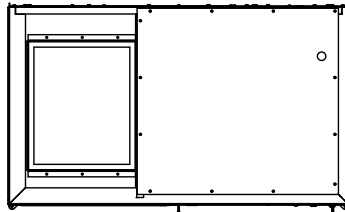
FRONT
4' & 5' with Leveling Feet

SIDE
4' & 5' with Leveling Feet

ACCESSORIES

6938100 *Replacement HEPA Exhaust Filter.* 99.99% efficient on particulates 0.3 micron. One HEPA Exhaust Filter is included with each Protector Evidence Drying Cabinet. Shipping weight 9.0 lbs. (4.1 kg)

6938200 *Replacement Activated Carbon Filter.* Contains 7.5 lbs. (3.4 kg) of porous, coconut shell carbon. One Activated Carbon Filter is included with each Protector Evidence Drying Cabinet. Shipping weight 12.5 lbs. (5.7 kg)

3872700 *Replacement Cabinet Prefilters, Exhaust.* Polyester prefilters trap larger particulates in air exhausted from the cabinet to extend the life of the exhaust HEPA filter. MERV 11 rating. Precut to fit the inside top of the cabinet liner. Package of 6. Shipping weight 1.0 lb. (0.5 kg)

Replacement Door Prefilters, Inlet. Polyester prefilters trap larger particulates in air entering the cabinet. MERV 11 rating. Precut to fit the door of the cabinet. Package of 6.

Catalog Number	Description	Shipping Weight
3872600	For 3' Cabinets	1.0 lb. (0.5 kg)
3872601	For 4' Cabinets	1.0 lb. (0.5 kg)
3872602	For 5' Cabinets	1.0 lb. (0.5 kg)

Paper Liners. White paper is precut to fit the floor of the cabinet to collect material that may fall from evidence. Paper is polyethylene coated on one side.

Catalog Number	Description	Shipping Weight
3869800	For 3' Cabinets. Package of 25.	12 lbs. (6 kg)
3894200	For 3' Cabinets. Package of 100.	25 lbs. (11 kg)
3869802	For 4' Cabinets. Package of 25.	12 lbs. (6 kg)
3894201	For 4' Cabinets. Package of 100.	25 lbs. (11 kg)
3869804	For 5' Cabinets. Package of 25.	12 lbs. (6 kg)
3894202	For 5' Cabinets. Package of 100.	5 lbs. (11 kg)

Starter Kits. Each Kit includes six Inlet Door Prefilters, six Exhaust Cabinet Prefilters, 10 Hanging Clips, 10 Security Tags, 10 Paper Liners, one 32 ounce (946 ml) bottle of Germicidal Cleaner.

Catalog Number	Description	Shipping Weight
3869900	For 3' Cabinets	15 lbs. (7 kg)
3869910	For 4' Cabinets	16 lbs. (7 kg)
3869920	For 5' Cabinets	17 lbs. (8 kg)

3951803 *Single-Use Cabinet Evidence Prefilter.* May be examined and/or retained for trace evidence. Single-use. Polyester. Pre-cut to fit the cabinet prefilter frame. Package of 10. Shipping weight 1.0 lb. (0.5 kg)

Single-Use Door Evidence Prefilter. May be examined and/or retained for trace evidence. Single-use. Polyester. Pre-cut to fit the door prefilter frame. Package of 10.

Catalog Number	Description	Shipping Weight
3951802	For 3' Cabinets	1.0 lb. (0.5 kg)
3951822	For 4' Cabinets	1.0 lb. (0.5 kg)
3951832	For 5' Cabinets	1.0 lb. (0.5 kg)

Germicidal Cleaner. Cleans, disinfects and deodorizes. May be used on hard, non-porous surfaces including stainless steel.

| Catalog Number	Description	Shipping Weight
3901800	Bottle, 32 ounces, with screw-on spray dispenser.	2.0 lbs. (0.9 kg)
3901700	Container, 1 gallon. For refilling spray bottle.	10 lbs. (5 kg)

3869500 *Hanging Clips.* Plastic clips allow small articles to be hung from the cabinet's hanger rod or shelf. Package of 10. Shipping weight 1.0 lb. (0.5 kg)

3902400 *Security Tags.* Tamper-evident, label tags irreversibly indicate if the cabinet door has been opened during the drying cycle. Package of 100. Shipping weight 1.0 lb. (0.5 kg)

3869600 *Exhaust Connection Kit.* Allows the cabinet to be connected to house exhaust or other exhaust system. Includes powder-coated steel connector with 5.0" (127 mm) diameter collar, 14" (36 cm) of 5.0" diameter (127 mm) flexible duct, and two clamps. **Requires user-supplied exhaust system capable of exhausting 150 CFM (4.2 m³/min) at a vacuum of 0.5 inch of water (125 Pa).** Shipping weight 10 lbs. (5 kg)
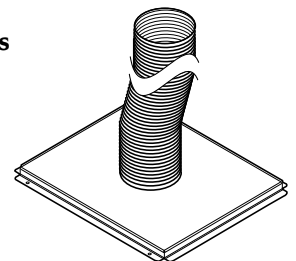
3928200 *Drain Kit.* Includes 10' (305 cm) of drain hose and fitting to connect to floor drain. For use with 3', 4' & 5' Protector Evidence Drying Cabinets with UV Light only. Shipping weight 10 lbs. (5 kg)

Protector® Downdraft Powder Stations
Features & Benefits

Protector Downdraft Powder Station keeps users safe by containing powders during fingerprint processing. It allows unrestricted operator movement and accommodates oversized evidence. Two or more stations may be placed side-by-side to achieve an unlimited number of width combinations. An optional Transition Connector mounts between two stations for a secure fit and continuous work surface.

HEPA filter, 99.99% efficient on particles 0.3 micron, traps airborne particulates and powders as air is exhausted from the station's interior to the room. A prefilter protects the HEPA filter.

Available in 2' and 3' widths; unlimited widths possible. With one or more optional Transition Connectors, multiple stations may be linked together to increase the overall working width.

Shelf holds fingerprint powder, brushes and other small utensils and supplies.

Red, filter system alarm light illuminates to alert the operator to low airflow conditions that may indicate a loaded prefilter or HEPA filter.

Fan switch activates the blower.

Durable powder-coated steel housing.

Flow-Zone™ perforations in the work surface are designed to maximize containment of airborne fine powder. Airflow is directed downward through the hole pattern in the work surface.

Type 304 stainless steel work surface may be lifted up to access the pan beneath it. The pan catches powder and is removable for cleaning.

Low-profile design fits under existing cabinetry.

Portable. The work surface and pan may be easily detached without tools to allow the Station to be transported to remote locations such as crime scenes.

Quiet built-in blower pulls room air down through the work surface and horizontally through the back wall before discharging filtered air out the top rear of the enclosure. This dual zone approach optimizes containment. The motorized, backward curved fan is quiet and energy efficient.

Energy savings. Since air is recirculated, expensive heated or cooled air is not exhausted from the building.

CAUTION: *Protector Downdraft Station does not provide protection from biohazardous aerosols or gaseous contaminants. Contact Labconco for information on biosafety cabinets and fume hoods if your application involves these contaminants.*
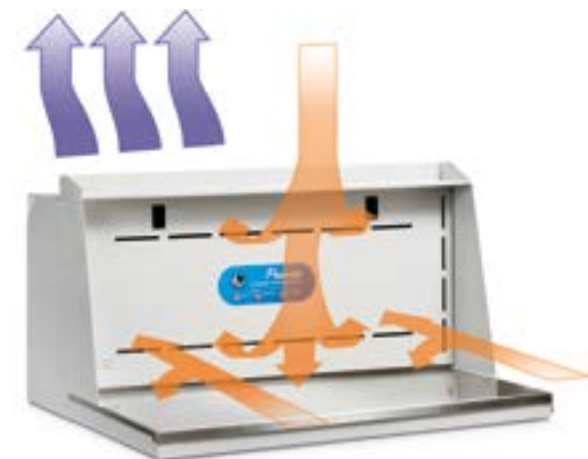
☐ Room Air   ■ Contaminated Air   ■ HEPA-filtered Air

ETL LISTED Intertek   CE

Exclusive feature

Protector® Downdraft Powder Stations
Specifications, Ordering Information & Dimensional Data

SPECIFICATIONS

- Open-sided, open-top design
- Powder-coated steel housing and shelf
- Type 304 stainless steel work surface with Flow-Zone™ perforations
- Removable powder catch pan
- Built-in blower with motorized, backward curved fan
- Fan switch
- Red, filter system alarm light to alert operator to low airflow conditions
- Exhaust prefilter of pleated paper with MERV 8 rating
- Exhaust HEPA filter, 99.99% efficient on particles 0.3 micron
- ETL listed (Models 3410000 and 3410001)
- CE conformity marking (Models 3410020, 3410021, 3410022, 3410023, 3410024 and 3410025)
- 6' (15 cm) power cord with plug

REQUIRED ACCESSORY

- Supporting base. See back page.

Exclusive feature

*Protector Downdraft Powder Station 3410000 is shown on Variable Height Bench 8075000.*

ORDERING INFORMATION

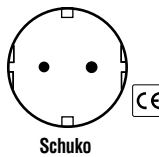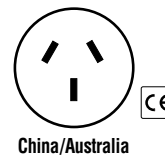| Catalog #	Nominal Width	Electrical Requirements	Plug Type	Shipping Weight
3410000	2 Feet	115V, 60 Hz, 1A	115V, 13A	65 lbs. (29 kg)
3410001	3 Feet	115V, 60 Hz, 1A	115V, 13A	87 lbs. (39 kg)
3410020*	2 Feet	230V, 50/60 Hz, 1A	British (UK)	87 lbs. (39 kg)
3410021*	3 Feet	230V, 50/60 Hz, 1A	British (UK)	87 lbs. (39 kg)
3410022*	2 Feet	230V, 50/60 Hz, 1A	Schuko	65 lbs. (29 kg)
3410023*	3 Feet	230V, 50/60 Hz, 1A	Schuko	87 lbs. (39 kg)
3410024*	2 Feet	230V, 50/60 Hz, 1A	China/Australia	65 lbs. (29 kg)
3410025*	3 Feet	230V, 50/60 Hz, 1A	China/Australia	87 lbs. (39 kg)

*International electrical configuration
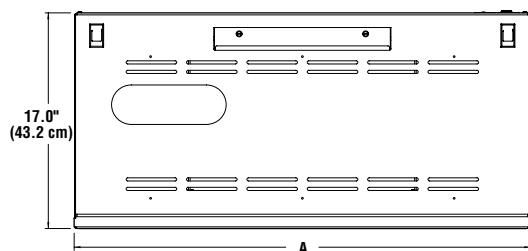
PLUG CONFIGURATIONS
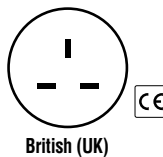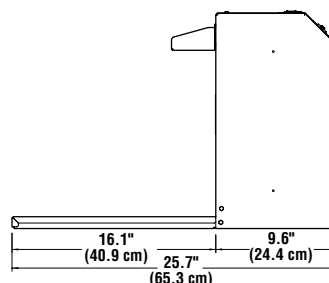
North America, 115V	British (UK)	Schuko	China/Australia

DIMENSIONAL DATA

17.0" (43.2 cm)

A

FRONT

16.1" (40.9 cm) 25.7" (65.3 cm) 9.6" (24.4 cm)

SIDE

| Catalog #	Nominal Width	A
3410000	2 Feet	24.0" (61.0 cm)
3410001	3 Feet	36.0" (91.4 cm)
3410020	2 Feet	24.0" (61.0 cm)
3410021	3 Feet	36.0" (91.4 cm)
3410022	2 Feet	24.0" (61.0 cm)
3410023	3 Feet	36.0" (91.4 cm)
3410024	2 Feet	24.0" (61.0 cm)
3410025	3 Feet	36.0" (91.4 cm)

ACCESSORIES

3768903 *Replacement Prefilter.* Pleated paper. MERV 8 rating. Shipping weight 1 lb. (0.5 kg).

6938100 *Replacement HEPA Filter.* 99.99% efficient on particles 0.3 micron. Shipping weight 9 lbs. (4.1 kg)

3413300 *Transition Connector.* Powder-coated steel bracket and fasteners connect two stations together, extending the width of the work surface area and creating a continuous work surface. Shipping weight 15 lbs. (7 kg)

8075000 *Variable Height Bench.* Powder-coated steel auxiliary bench has four adjustable heights from 29.6" to 37.4" (75.1 to 94.9 cm). Work surface is fiberboard with high pressure melamine laminate. 5" diameter (13 cm), non-marking polyurethane casters with toe locks provide mobility. Work surface dimensions are 38.0" x 28.0" x 1.1" thick (96.5 cm x 71.1 cm x 29 mm). Supports loads up to 540 pounds (245 kg). Lifetime guarantee. Shipping weight 105 lbs. (48 kg).
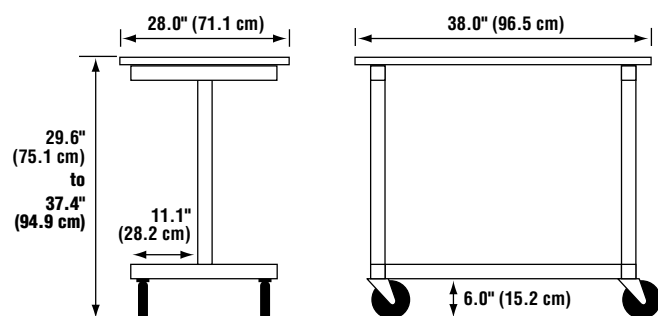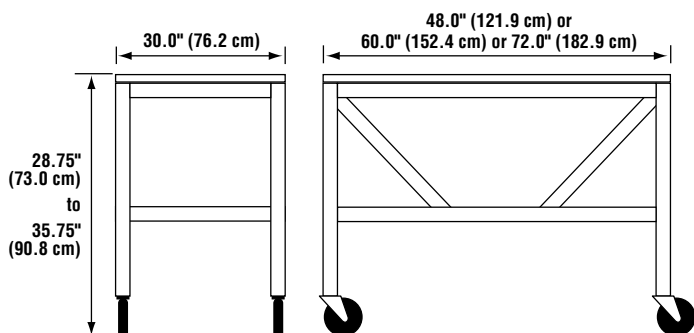

Variable Height Bench 8075000

Mobile Equipment Table 3819100

Mobile Equipment Tables. Heavy duty table provides auxiliary bench space and may be transported from lab to lab. Base is constructed of 1.75" tubular steel with powder coating. Telescoping legs adjust to eight height positions in 1" increments from 28.75" to 35.75" (73.0 to 90.8 cm). 5" diameter (13 cm), non-marking polyurethane casters with toe locks have bearings for quiet operation. Work surface is seamless solid epoxy, 1.25" thick (32 mm) x 30.0" deep (76.2 cm). Supports loads up to 800 pounds (363 kg).

Nominal Width	Catalog Number	Overall Width x Depth	Shipping Weight
4 feet	3819100	48.0" x 30.0" (121.9 cm x 76.2 cm)	250 lbs. (113 kg)
5 feet	3819101	60.0" x 30.0" (152.4 cm x 76.2 cm)	300 lbs. (136 kg)
6 feet	3819102	72.0" x 30.0" (182.9 cm x 76.2 cm)	350 lbs. (159 kg)

Protecting your laboratory environment
LABCONCO®

ISO 9001 CERTIFIED