

CHAMBERS AND GLOVE BOXES

PCR (UV) CHAMBER

This Catalog #825-PCR(UV) has been designed to help improve the accuracy of P.C.R.[™] and general Tissue Culture procedures. The chance for air borne contamination during D.N.A. sequencing is greatly reduced.

The chamber is a “still air enclosure” which contains both our “Bright Light” illumination system and a U.V. germicidal lamp. The U.V. germicidal system is rated at 254 nm and will decontaminate all exposed surfaces in the interior. The lamp timer should be activated 15 minutes before and 15 minutes after each use.

The front viewing panel and main housing are .375” (9.5 mm) thick optically clear material. This thickness helps to prolong the service life (about 2,500 operating hours) of the unit. The front viewing panel Catalog #825-UV(FS) is attached by six (6) screws and is easily and quickly replaced.

Access to the interior of the chamber is gained by pulling swinging doors outward. New self closing hinges have eliminated the need for locks. The doors are removable, therefore do not take up valuable lab counter space. If a corner door is accidentally opened, proximity sensors turn off the U.V. system for operator safety.

Basic Features of the Product.

- “Bright Light” illumination system (40,000 hour lamp guarantee).
- Two bright white plastic (adjustable) shelves. One is tooled to store pipettors.
- Front panel is .375” thick (9.5 mm) for Beta Ray protection. **NOTE: Not Gamma Rays.**
- Removable side access doors with slip apart hinges.
- Proximity sensors on doors for operator safety.
- Automatic timer to activate U.V. sterilization procedures.
- Bottom tray has a formed in place “spill guard” for easy cleaning.
- The U.V. system is rated at 254 nm.
- Standard 24 month warranty (Not gloves or consumables).
- Side and back walls are one piece formed optically clear acrylic .375” thick (9.5 mm).
- Main housing and top are removable for installation of large pieces of equipment.



#825-PCR(UV) Chamber &
#825-PCR(UV)EXP Chamber

Product Specifications

I.D.	23.5”w x 17”d x 21” h 597 mm x 432 mm x 530 mm
O.D.	24”w x 18”d x 28”h 610 mm x 457 mm x 711 mm
Shipping Weight (Crated)	110 Pounds 50 Kilos

NOTE: If HEPA filtration is preferred, refer to Catalog #825-PCR/HEPA illustrated on page #21.

Electrical requirements.

North American 115-120 Volts, 60 Hz. 12 Amps.
Export Models 220-240 Volts, 50 Hz. 6 Amps.

CHAMBERS AND GLOVE BOXES

HEPA FILTERED PCR CHAMBER

NEW PRODUCT !!



The new HEPA filtered PCR Chamber, Catalog #825-PCR/HEPA, includes all of the same basic features as our standard #825-PCR(UV) Chamber, but includes a factory installed HEPA filter system. The HEPA filter system is rated at 99.9997% efficiency at 0.3 (μ) microns. No tools are required for HEPA filter change over.

This is a positive pressure research chamber. The fan (blower) noise level is rated at less than 40 dBA.



HEPA filter housing and air inlet.

#825-PCR/HEPA
#825-PCR/HEPA/EXP (Export Model)

Product Specifications

I.D.	23.5" w x 17" d x 21" h 597 mm x 432 mm x 530 mm
O.D.	26" w x 23" d x 28" h 610 mm x 457 mm x 711 mm
Shipping Weight (Crated)	112 Pounds 51 Kilos

#825-PCR/HEPA
NOTE: HEPA housing on rear wall.

Additional Features of the Basic #825-PCR. (Refer also to page #20.)

- "Bright Light" illumination system (40,000 hour lamp guarantee).
- "Mini HEPA" filter size 4" x 9.5" x 1" thick (101 mm x 240 mm x 25.4 mm thick) Replacement part #MS2199.
- No tools required to change over the HEPA filter.
- Fan (ventilator) noise level is rated at less than 40 dBA.
- Formed in place liquid barrier to facilitate easy clean up of spills.
- Standard twenty-four (24) month warranty (Not consumables-filter).

Electrical requirements.

North American 115-120 Volts, 60 Hz. 12 Amps.
Export Models 220-240 Volts, 50 Hz. 6 Amps.

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