

PCR Cabinet

TPE's PCR Cabinet provides decontamination by Ultraviolet (UV) radiation.

Exposure to germicidal UV wavelength light between operations reduces the risk of cross-contamination inside the cabinet.

However, because UV radiation itself is dangerous for humans, the PCR Cabinet includes protections that include the following:

- Construction of viewing door from UV resistant polycarbonate – which limits penetration of UV light through it and is not itself damaged by UV radiation.
- A sensor that cuts power to the UV lamps if the cabinet door is opened.

Cabinet features a UV lamp timer that is adjustable in increments from 1 to 50 minutes.

Specifications

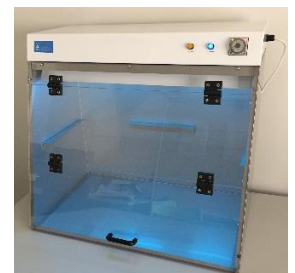
Electrical	230V AC single-phase; 2M cord with standard wall plug for bench outlet
Safety Cut-off	Omron micro-switch for front door
UV Source	2 x 8W UV germicidal lamps, controlled by front-mounted switch
UV Exposure	Controlled by adjustable, front-mounted timer
Internal Lighting	5w LED, controlled by front-mounted switch
External Dimensions	800mm W x 500mm D x 720mm H
Work Surface Dimensions	800mm W x 500mm D
Materials	<ul style="list-style-type: none"> • Cabinet - AISI 304 stainless steel • Clear door, 9.5 mm polycarbonate • Top - 5mm white uPVC

Options

- A recirculating model with laminar flow and HEPA filter is available.
- In addition to the model shown, a model with clear acrylic or polycarbonate carcass is available.



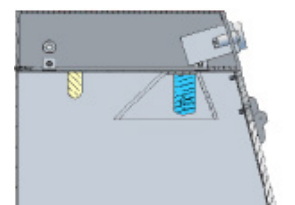
PCR Cabinet without shelving.



PCR Cabinet without shelving, with UV light on.



Shown left to right are the LED lighting switch, the UV toggle switch, and the UV Timer.



Standard LED is pictured toward back of roof in yellow (left). UV lamps with PVC shield is visible toward front in blue (right).