

TECHNOSHIELD 1

Platform size 2 feet (w) * 2 feet (d)

TECHNOSHIELD 2

Platform size 3 feet (w) * 2 feet (d)

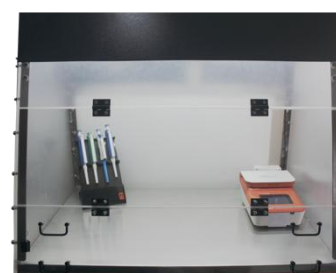
TECHNOSHIELD 3

Platform size 4 feet (w) * 2 feet (d)



TechnoShield

- ✓ Chemical resistant Stainless-steel table top
- ✓ Sides made of transparent Acrylic (PMMA)
- ✓ Underside of the steel table top cushioned to reduce drop noise
- ✓ UVC tube (30W) and (18W) LED White lights
- ✓ UV Auto cut-off mechanism upon door opening
- ✓ Digital Timer for programming UV exposure
- ✓ Foldable Front Door



Features of this apparatus

1) The cabinet is designed to have effective cleaning:

The interiors and corners are smooth and without gaps. In addition, exposed nuts are capped to facilitate cleaning.



2) PMMA sides for lightweight, transparency and effective UV containment:

The acrylic sides are 8mm thick, which only permits 99.93 % UV across the cabinet, making it a safe and lightweight PCR cabinet

3) Compact shipping and portable:

The unit carries a small footprint, can be easily disassembled and made compact for shipping.

The PCR cabinet can be customised in many ways:

1) UV auto-cutoff mechanism:

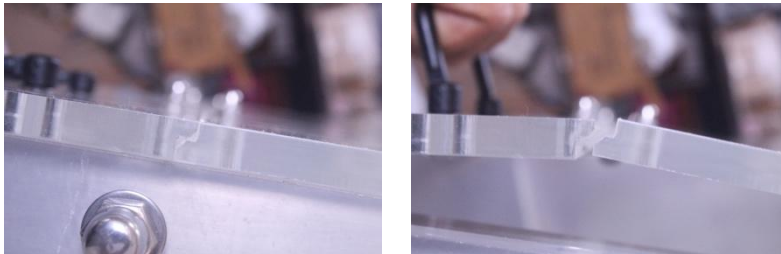
The UV auto-cutoff mechanism helps in turning off the UV if the door is opened accidentally while the UV is ON.

2) The front door is foldable and can be mounted in two ways:

The door of the cabinet is designed to facilitate either of the two styles of opening. In one, the door folds outward and can be stacked, while in the other design, the door is stacked by folding inward at the hinge. Please see the features video.

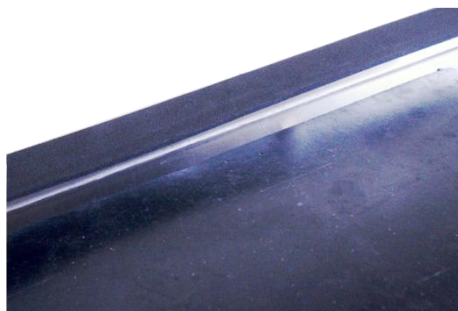
3) The foldable door is designed with joints that prevent UV leakage:

The joints of the door are thoughtfully designed to prevent gaps and UV leakage.



4) Stainless Steel (SS) table top with reduced drop noise:

While using a chemical-resistant steel table top, dropping any material on the surface can cause loud metallic noise. The underside of the table top can be insulated with rubber mats to dampen impact noises.



5) A digital timer can be added to set the UV exposure time

A digital timer which can be set upto 999 hrs can be added to time the UV treatment for the cabinet. Typically, 20 mins is sufficient for decontamination of the surfaces.



6) The control panel and power inlet can be placed as per preference



7) Table top model can be converted to a floor model with an add-on stand

Ordering description

TechnoShield I, (TLSCP-SSPM22): Ready-to-use system, with size 2 ft (width)* 2 ft (depth). Base made of stainless steel, sides of PMMA and a top of powder-coated MS.

TechnoShield II, (TLSCP-SSPM32): Ready-to-use system, with size 3 ft (width)* 2 ft (depth). Base made of stainless steel, sides of PMMA and a top of powder-coated MS

TechnoShield III, (TLSCP-SSPM42): Ready-to-use system, with size 4 ft (width)* 2 ft (depth). Base made of stainless steel, sides of PMMA and a top of powder-coated MS

SUGGESTION

Order along with ready-to-use system

Timer
UV autocutoff mechanism
Choose your type of door

TechnoShield and its spares and accessories

Item Description	Cat. No.	Unit
Techno PCR Shield 1, PCR cabinet, Platform size 2 feet (width) by 2 feet (depth), with base platform made of SS 304, sides of PMMA and top of powder coated MS	TLSCP-SSPM22	System
Techno PCR Shield 2, PCR cabinet, Platform size 3 feet (width) by 2 feet (depth), with base platform made of SS 304, sides of PMMA and top of powder coated MS.	TLSCP-SSPM32	System
Techno PCR Shield 3, PCR cabinet, Platform size 4 feet (width) by 2 feet (depth), with base platform made of SS 304, sides of PMMA and top of powder coated MS.	TLSCP-SSPM42	Piece
UVC tube 2 feet long, 17 W each (1 No.)	TMRSS-RMSR01	Piece
UVC tube 3 feet long, 30 W each (1 No.)	TLC0S-UC3001	Piece
UVC tube 4 feet long, 36 W each (1 No.)	TLC0S-UC3601	Piece
White light LED 18W (2 No.)	Inquire	
Timer	Inquire	
Rubber mat for the noise reduction	Inquire	
UV Auto cutoff mechanism	Inquire	
Shelves	Inquire	
Stand for converting to floor model	Inquire	