

PCR cabinets

These UV Sterilisation Cabinets provide a convenient area for setting up PCR reactions in a nucleic acid free environment thus limiting contamination.

Acting effectively as a low-cost alternative to a clean room, the powerful UV lights on each cabinet denature nucleic acids in 5 to 30 minutes making them unsuitable for amplification. The cabinets incorporate safety features to prevent user-exposure to UV light. The UV lights are timer controlled and there are safety switches on the cabinet doors which power off the UV lights when opened. The units' white light provides excellent visibility when working within the cabinet. Constructed from 10mm acrylic, the cabinets also act as efficient shields from beta radiation emissions and can therefore be safely used with isotopes such as ³²P.



Three models are available:- Maxi as shown above, a Mini cabinet on left for limited budget and bench space and a new Midi cabinet to save bench space without compromising on height. Safety SpillTrays and Liners of size 68 x 54cm, provide convenient containment of spillage (not included with cabinet).

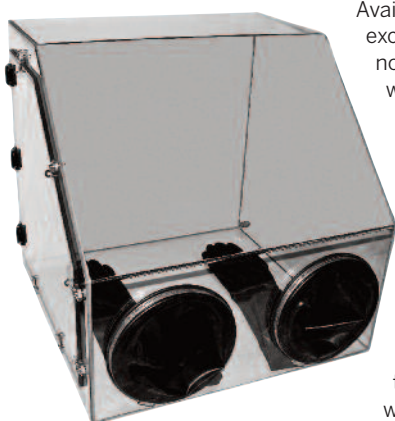
KEY FEATURES

- Inactivates nucleic acids in 5 to 30 minutes
- Doors fitted with safety switches
- Complete with four powerful, timer controlled UV bulbs
- Efficient decontamination of the complete work surface
- Suitable for work with ³²P

TECHNICAL SPECIFICATIONS

	Maxi	Midi	Mini
UV Lights	4x 15 Watt	4x 15 Watt	4x 15 Watt
White Light	15 Watt	15 Watt	15 Watt
Dimensions, cm (HxWxD)	77x58x42	62x580x42	45x58x35
Internal Working Area, cm (HxWxD)	60x53x41	425x53x39	27x53x32
Weight, Kg	19	14.6	12

GloveBoxes



Available in four sizes, these glove boxes are for procedures requiring exclusion of atmospheric oxygen and moisture. Manufactured in robust non-reactive polycarbonate, Cleaver Scientific GloveBoxes can be used with inert gases such as helium, nitrogen and argon. Including hermetically-sealed gloves, for optimum user manoeuvrability and dexterity when handling equipment, samples and packages, and a side panel as standard, each box provides a safe barrier between the worker and any potential contaminant. GloveBoxes may also be supplied with airlocks, and are customisable in various shapes and sizes to suit different work environments, applications and spaces. Shelving and pipette holder options are also available. A CombiBox option combines the benefit of UV sterilisation with the fully sealed and enclosed area of a glove box. Four 15W UV-C bulbs with safety interlock switching may be timer controlled for up to 30 minutes, or indefinitely, to decontaminate equipment and the work surface, before and after use. A 15W white light bulb illuminates the entire work surface to provide excellent visibility.

KEY FEATURES

- Available in 4 sizes, with or without air locks
- Provides a barrier between the user and potential contaminants
- Hermetically sealed gloves allow safe handling within a fully enclosed containment area
- Side panel allows samples and packages to be placed in and removed from the work area safely and easily

ORDERING INFORMATION

CSL-UVCAB	UV PCR Cabinet, Maxi (without Safety SpillTray), 230V	CSL-UVCABTY4	UV PCR Cabinet, Maxi (with Safety SpillTray, CSR-TY4 Tray), 230V
CSL-UVCABMIDI	UV PCR Cabinet, Midi (without Safety SpillTray), 230V	CSL-UVCABMIDITY4	UV PCR Cabinet, Midi (with Safety SpillTray, CSR-TY4 Tray), 230V
CSL-UVCABMINI	UV PCR Cabinet, Mini (without Safety SpillTray), 230V	CSL-UVCABMTY4	UV PCR Cabinet, Mini (with Safety SpillTray, CSR-TY4 Tray), 230V
CSR-TY4	Safety SpillTray, Yellow	CSR-TW4	Safety SpillTray, White
			CSR-TL4
			Safety Tray Liners, APET, pk/25
CSL-GB24	Glove Box, Standard 2 port , 60 x 60 x 60cm	CSL-GB48	Glove Box, Standard 2 port , 120 x 60 x 60cm
CSL-GB24A	GB24 with Air-Lock	CSL-GB48A	GB48 with Air-Lock
CSL-GB36	Glove Box, standard 2 port , 90 x 60 x 60cm	CSL-GB60	Glove Box, standard 2 port , 150 x 60 x 60cm
CSL-GB36A	GB36 with Air-Lock	CSL-GB60A	GB60 with Air-Lock

For 110 V AC, please add '-\$' as a suffix to the appropriate product code