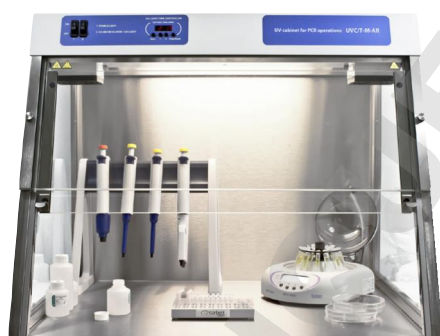


PCR UV cabinets – DNA/RNA

PCR UV cabinets – DNA/RNA

Range of advanced benchtop UV cabinets providing aseptic conditions for a variety of biomedical and biochemical procedures. Innovative dual UV system: built-in UV-air recirculator provides constant decontamination of the air volume within the cabinet while working and traditional surface UV decontamination while the door is closed.

- **UVC/T-M-AR** — Stainless steel general purpose PCR UV cabinet
- **UV cabinet UVT-B-AR** — economy PCR UV cabinet
- **UVT-S-AR** double PCR workstation — stainless steel



UVC/T-M-AR – stainless steel UV cabinet



UVT-B-AR – economy UV cabinet



UVT-S-AR – double PCR workstation

PCR UV cabinets – DNA/RNA » UVC/T-M-AR stainless steel general purpose PCR UV cabinet

UVC/T-M-AR – stainless steel general purpose PCR UV cabinet

Robust general purpose stainless steel UV cabinet designed for clean operations with DNA samples, with dual UV lamp protection.

- UV surface irradiation – via single 25W 254nm open UV lamp
- Patented high intensity UV air cleaner – 25 m³/hour cleaner recirculator continuous air flow with 1cm UV irradiation distance
- UV protection – UV-protective film on glass panels
- UV exposure control – 24 hour digital timer
- Available with access port or internal power socket

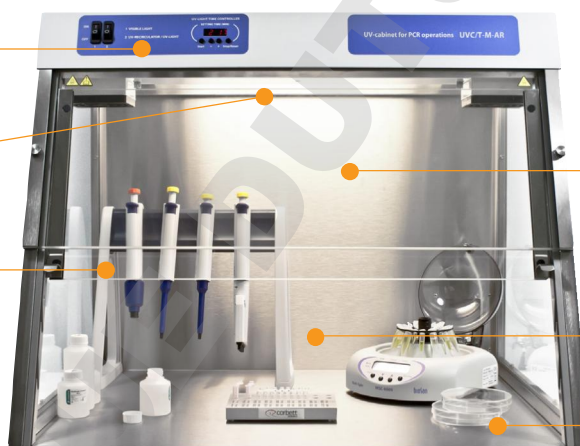


Convenient, easy to use digital timer for accurate control of UV exposure.

White lamp provides local illumination of the workplace to optimise visual control during operations.

Second UV light for irradiating the surface. Automatic switch off when door is opened.

Stainless steel work surfaces, glass sides for visibility and light.



Built-in UV bactericidal cleaner recirculator increases the maximum density of UV light (in the upper hood) and generates 25 m³/h air flow exchange – prevents unwanted contamination and protects the user from direct UV light during manipulation.

Front opening with three adjustable positions for ease of access.

Quiet operation (33 - 37dBa) and low energy consumption (67W).

Applications:

- Life-science - germicidal and virucidal, inhibition of DNA and RNA contamination, applications requiring no residual decontaminants such as disinfectants, operations with DNA/RNA amplicons, microbial research

UV cabinet UVT-B-AR – economy PCR UV cabinet

Economy bench-top model for protection against contamination during a variety of DNA/RNA procedures, with dual UV lamp protection.

- UV surface irradiation – via single 25W 254nm open UV lamp
- Patented high intensity UV air cleaner – 25 m³/hour cleaner recirculator continuous air flow with 1cm UV irradiation distance
- UV exposure control – 24 hour digital timer
- Available with access port or internal power socket
- UV protection - UV protective film on glass panels



Convenient, easy to use digital timer for accurate control of UV exposure.

White lamp provides local illumination of the workplace to optimise visual control during operations.

Shock proof glass front, stainless steel sides, metal framework and stainless steel work surface.



Patented built-in UV cleaner recirculator prevents unwanted contamination and protects the user from direct UV light during manipulation.

Second UV lamp disinfects the working area, inactivating DNA/RNA fragments during 15-30 min of exposure. Automatic switch-off when door is opened.

Contains an **integral power socket**.

Quiet operation (33 - 37dBa) and low energy consumption (67W).

Applications:

- Life-science - germicidal and virucidal, inhibition of DNA and RNA contamination, applications requiring no residual decontaminants such as disinfectants, operations with DNA/RNA amplicons, microbial research

UVT-S-AR double PCR workstation – stainless steel

Large capacity stainless steel UV cabinet with additional space for equipment and accessories to allow for more comfortable and convenient working in PCR applications. Dual UV lamp protection

- Robust construction with large, 1.2m x 0.52m working area
- UV surface irradiation – dual 30W 254nm UV lamp
- Patented high intensity UV air cleaner – 25 m³/hour cleaner recirculator continuous air flow with 1cm UV irradiation distance
- UV protection – UV-protective film on glass panels
- UV exposure control – 24 hour digital timer
- 3 built-in power sockets



Convenient, easy to use digital timer for accurate control of UV exposure.

White lamp provides local illumination of the workplace to optimise visual control during operations.

Front opening with three adjustable positions for ease of access.

Second UV light for irradiating the surface. Automatic switch off when door is opened.



Built-in UV cleaner recirculator increases the maximum density of UV light and generates 25 m³/h air flow exchange – prevents unwanted contamination and protects the user from direct UV light (in the upper hood) during manipulation.

Ample additional space for equipment and comfortable working.

Quiet operation (33 - 37dBa) and low energy consumption (150W).

Applications:

- Life-science – germicidal and virucidal, inhibition of DNA and RNA contamination, applications requiring no residual decontaminants such as disinfectants, operations with DNA/RNA amplicons, microbial research

PCR UV cabinets – DNA/RNA » Technical specifications

UV cabinets – Technical specifications					
• = standard	General purpose		General purpose economy		PCR workstation
	UVC/T-M-AR		UVT-B-AR		UVT-S-AR
					
	h: 555mm d: 515mm w: 690mm weight: 31kg		h: 555mm d: 585mm w: 690mm weight: 32kg		h: 585mm d: 585mm w: 1245mm weight: 58kg
Description	UVC/T-M-AR	UVC/T-M-AR SKT	UVT-B-AR	UVT-B-AR INL	UVT-S-AR
	UV cabinet/PCR workstation, stainless steel work surface, glass sides & front, dual UV protection lamp and UV recirculator, access port	UV cabinet/PCR workstation, stainless steel work surface, glass sides & front, dual UV protection lamp and UV recirculator, internal power socket	UV cabinet/PCR workstation economy, glass front, dual UV protection lamp and UV recirculator, internal power socket	UV cabinet/PCR workstation economy, glass front, dual UV protection lamp and UV recirculator, access port	UV cabinet/PCR workstation, double, stainless steel work surface, glass sides & front, dual UV protection lamp and UV recirculator, 3 int. power sockets
Construction	stainless steel frame and working area		stainless steel frame and working area		stainless steel frame and working area
Panels	glass with UV-protective film				
Front opening with three adjustable positions	•				
Open UV lamp, 25W bactericidal, 254nm, ozone free	1		1		–
Open UV lamp, 30W bactericidal, ozone free	–		–		2
Bactericidal air recirculator, 25m³/h air flow exchange	•				
UV recirculator, 25W (efficiency >99% per 1 cycle)	1		1		–
UV recirculator, 30W (efficiency >99% per 1 cycle)	–		–		1
White lamp for workplace illumination	15W	1	1		–
	30W	–	–		1
Radiation type	Ultraviolet (253.7nm), ozone free				
Optical transmission	95%				
Digital timer(non stop)	0 to 24 hrs	•			
Internal power outlets		–	1		3
Internal working area	mm	650 x 475	650 x 475		1200 x 520
Flow rate	m³/h	7			
Nominal operating voltage	V	120 or 230 (50-60 Hz)			120 (60Hz) or 230 (50Hz)
Power consumption	W	67 (0,3A)			530 (4,5A)/315 (1,4A)