

PCR UV Cabinets

Single benchtop general purpose PCR UV cabinets

UVC/T-M-AR general purpose PCR UV cabinet

UVT-B-AR economy general purpose PCR UV cabinet

PCR UV cabinet workstation

UVT-S-AR PCR UV workstation

PCR UV Cabinets

DNA/RNA

Advanced range of benchtop UV cabinets. Provides aseptic conditions for a range of biomedical and biochemical procedures. The innovative dual UV system, with built-in UV-air recirculator delivers constant decontamination of air volume inside the cabinet at the same time as working on traditional surface UV decontamination when the door is closed.

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

UVT-B-AR – economy PCR UV cabinet

UVT-S-AR double PCR workstation – stainless steel



UVC/T-M-AR



UVT-B-AR



UVT-S-AR

UVT-S-AR

Double PCR workstation

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

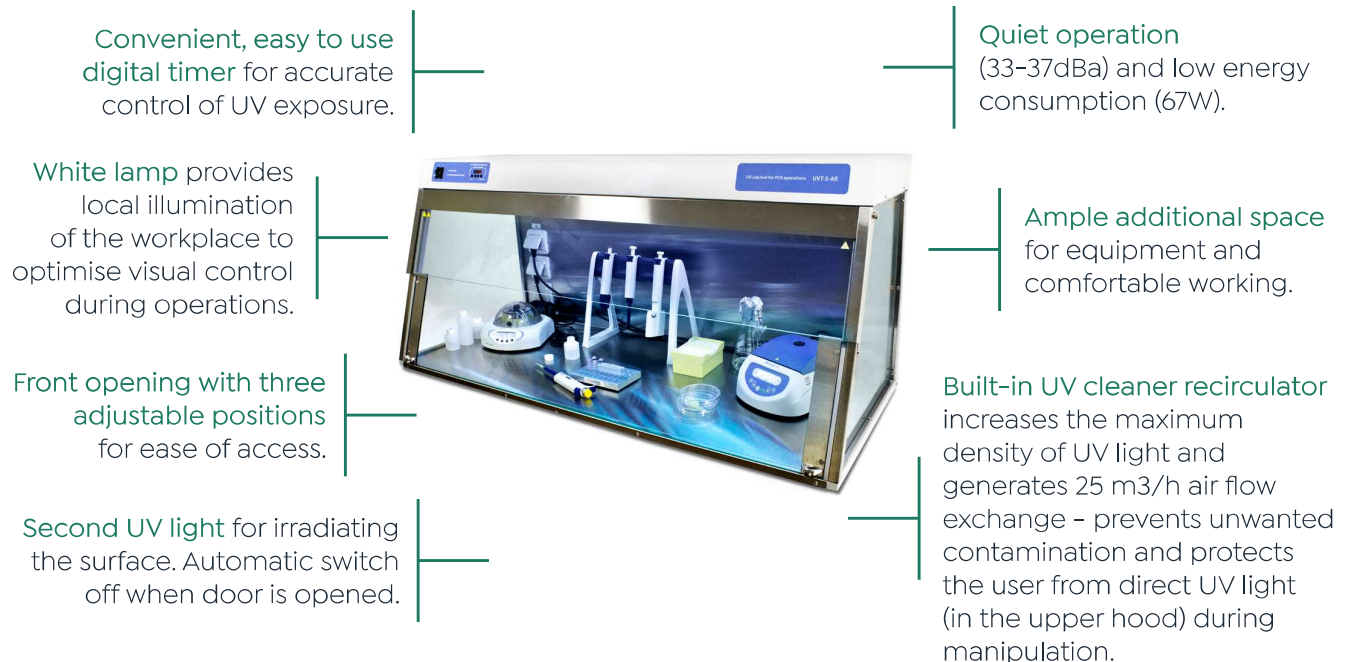
UV surface irradiation – dual 30W 254nm UV lamp

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



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

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.

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.



Product highlights

- UV surface irradiation – via single 25W 254nm open UV lamp
- 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



Built-in UV bacterial cleaner recirculator increases the maximum density of UV light (in the upper hood) and generates 25m³/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 viricidal, inhibition of DNA and RNA contamination, applications requiring no residual decontaminants such as disinfectants, operations with DNA/RNA amplicons, microbial research

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.

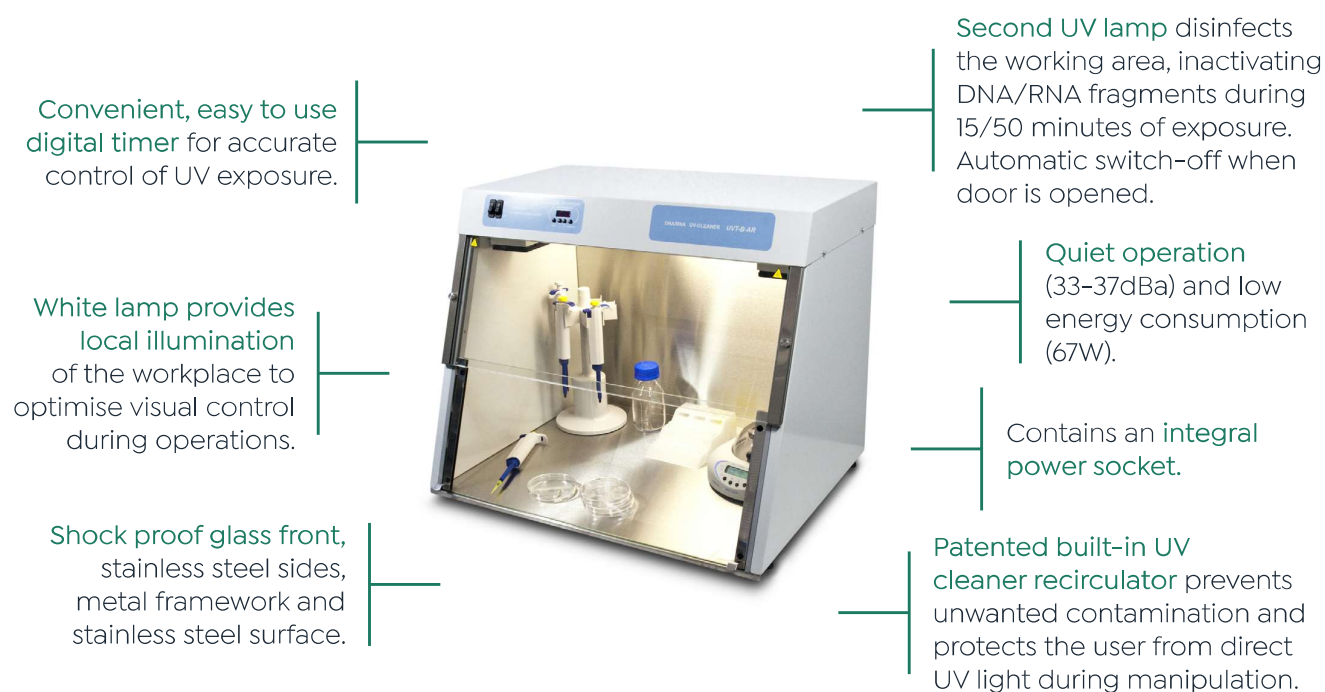
UV surface irradiation – via single 25W 254nm open UV lamp

High intensity UV air cleaner – 25 m³/hour cleaner recirculator continuous air flow.*

UV exposure control – 24-hour digital timer

Built-in power socket

UV protection – UV protective film on glass panels






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

Technical specifications

						
		UVC/T-M-AR		UVT-B-AR		UVT-S-AR
		General purpose		General purpose economy		PCR workstation
		UVC/T-M-AR	UVC/T-M-AR SKT	UVT-B-AR	UVT-B-AR INL	UVT-S-AR
Dimensions	h x d x w mm	555 x 515 x 690		555 x 585 x 690		585 x 585 x 1245
Construction		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				–
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				–
UV recirculator, 30W (efficiency >99% per 1 cycle)		–				1
White lamp for workplace illumination	15W	1				–
	30W	–				1
Radiation type		Ultraviolet (253.7m), ozone free				
Optical transmission		95%				
Digital timer	0 to 24 hours	•				
Internal power outlets		–	1	–	3	
Internal working area	mm	650 x 475				1200 x 520
Flow rate	m3/h	7				
Power consumption	230V W	67 (0.3A)				530 (4.5A)
	120V W	–				315 (1.4A)
Nominal operating voltage	V	120 or 230 (50–60Hz)				120 (60Hz) or 230 (50Hz)
Weight	kg	31		31		58

