

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

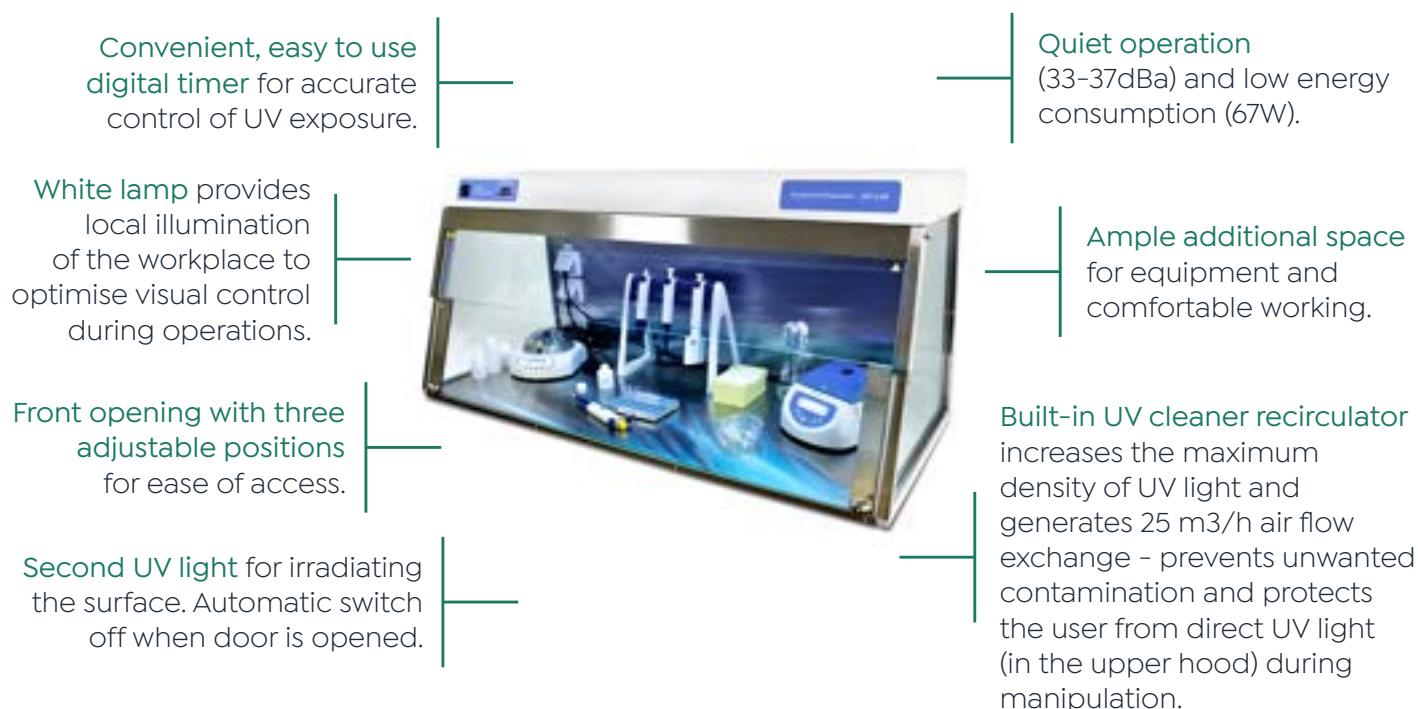
UV surface irradiation - dual 30W 254nm UV lamp

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



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 surface.

Second UV lamp disinfects the working area, inactivating DNA/RNA fragments during 15/50 minutes of exposure. Automatic switch-off when door is opened.

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

Contains an integral power socket.

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

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		535 x 515 x 690		555 x 585 x 690
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 (253.7nm), ozone free				
Optical transmission	95%				
Digital timer	0 to 24 hours		•		
Internal power outlets	-	1	-	3	
Internal working area	mm		645 x 490		1210 x 500
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		58

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UV Cleaner-Recirculator

UV cleaner-recirculators

UVR-M UV cleaner-recirculator general purpose, one lamp

UVR-Mi UV cleaner-recirculator advanced, two lamps

UVR-M

UV cleaner-recirculator

Easy to use UV cleaner-recirculator ideal for air disinfection in research laboratories and clinics. UV air flow cleaner-recirculator consists of one germicidal UV lamp, a fan unit equipped with dust filters and a control unit confined in a flow through chamber.

Full user protection from direct UV radiation

Simple to operate

Convenient fixation on walls or mount on a movable tripod (optional)



Applications

- Kindergartens, research laboratories, veterinary clinics, schools and offices.

UVR-Mi

UV cleaner-recirculator


Powerful and efficient UV cleaner-recirculator with two UV lamps providing air disinfection in research laboratories and clinics. UV air flow cleaner-recirculator consists of two germicidal UV lamps, a fan unit equipped with dust filters and a control unit confined in a flow through chamber.

Full user protection from direct UV radiation

Two operation modes - short time (under timer control) and continuous operation

Simple to operate

Convenient fixation on walls or mount on a movable tripod (optional)



Two UV lamps for more powerful UV air disinfection.

Easy to read LCD screen for better control over the device performance.

UV lamp lifetime counter indicates number of working hours left in the lamp.

Convenient fixation on walls. Optional mounting on a movable tripod for easy transportation.

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

Extremely quiet in operation - fits unobtrusively in the workplace.

Integral digital timer - 1 min to 24 hours or non stop operation.

Automatic ON/OFF switch - no need to turn the device on and off.

Lamp fault detection indicates UV lamp failure.

2 year warranty



Made in Europe

Applications

- Kindergartens, research laboratories, veterinary clinics, schools and offices.


UV cleaner-recirculators

Technical specifications

			
		UVR-M	UVR-Mi
		UV cleaner-recirculators	
Dimensions	w x d x h mm	110 x 135 x 660	110 x 135 x 660
UV radiation source	25W Bactericidal, TUV25WG13 UV-C	1 lamp	2 lamps
UV air flow productivity	m3/hour	14	
UV radiation level		18 mW / cm ² / sec	36 mW / cm ² / s
Full user protection from direct UV light		•	•
Display		-	LCD
Timer		-	1 min–24 hrs / non-stop
Wall bracket			•
UV lamp operation indicator			•
UV lamp lifetime counter		-	•
Automatic ON/OFF switch		-	•
Lamp fault detection		-	•
Power consumption	230V	125VA (540mA)	110W (0.5A)
	120V	160 VA (1.3A)	110W (0.5A)
Nominal operating voltage		230V (50 Hz) or 120V (60 Hz)	230 V (50 Hz)
Weight	kg	3.4	3.4

UV cleaner-recirculators

Options and accessories

			UVR-M	UVR-Mi
UVR-S		Moveable tripod		•

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