



## 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 m<sup>3</sup>/hour cleaner recirculator continuous air flow with 1cm UV irradiation distance

---

**UV protection** - UV protective film on glass panels

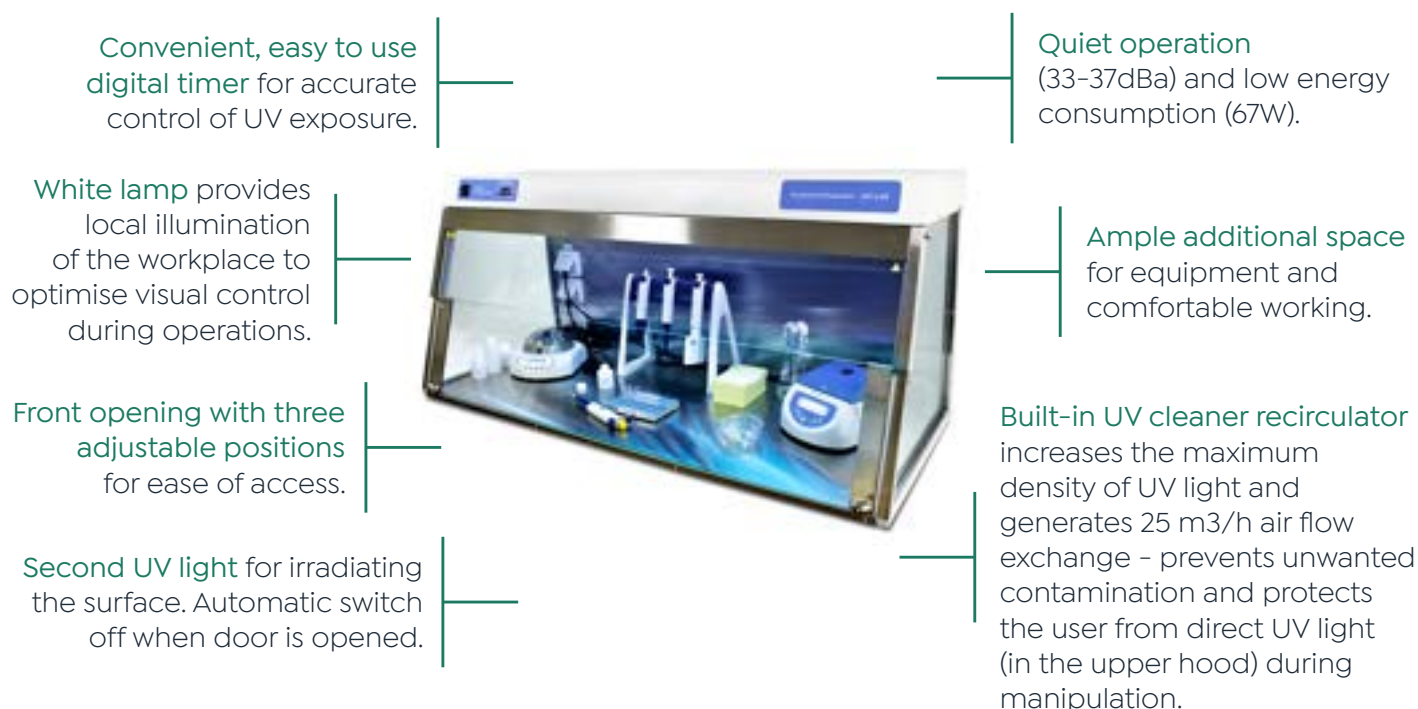
---

**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 m<sup>3</sup>/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 25m<sup>3</sup>/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 m<sup>3</sup>/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	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, 25m <sup>3</sup> /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	m <sup>3</sup> /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

## Contact us today

**Grant Instruments (Cambridge) Ltd**  
29 Station Road, Shepreth,  
Cambridgeshire, SG8 6GB

**w.** [www.grantinstruments.com](http://www.grantinstruments.com)  
**t.** +44 (0) 1763 260 811  
**e.** [salesdesk@grantinstruments.com](mailto:salesdesk@grantinstruments.com)

**►** [GrantInstruments](#)  
**►** [GrantInstrument](#)  
**in** [grant-instruments-cambridge-ltd](#)



Find your perfect solution today  
Visit our website - [www.grantinstruments.com](http://www.grantinstruments.com)