

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, 25m ³ /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	m ³ /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)			