

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

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)	