

## 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 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



**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 m<sup>3</sup>/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
	 <p>h: 555mm d: 515mm w: 690mm weight: 31kg</p>		 <p>h: 555mm d: 585mm w: 690mm weight: 32kg</p>		 <p>h: 585mm d: 585mm w: 1245mm weight: 58kg</p>
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 <sup>3</sup> /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 <sup>3</sup> /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)