

PCR UV cabinets – DNA/RNA »

PCR UV cabinets – DNA/RNA

Range of advanced benchtop UV cabinets providing aseptic conditions for a variety of biomedical and biochemical procedures. Innovative dual UV system: built-in UV-air recirculator provides constant decontamination of the air volume within the cabinet while working and traditional surface UV decontamination while the door is closed.

- General purpose PCR UV cabinets with UV cleaner/recirculator
- Double PCR workstation with UV cleaner/recirculator

2
year warranty



UVC/T-M-AR – stainless steel UV cabinet



UVT-B-AR – economy UV cabinet



UVT-S-AR – double PCR workstation

UV cabinets – DNA/RNA » UVC/T-M-AR general purpose PCR UV cabinet

UVC/T-M-AR – stainless steel PCR UV cabinet

Robust general purpose stainless steel UV cabinet designed for clean operations with DNA samples, with dual UV lamp protection.

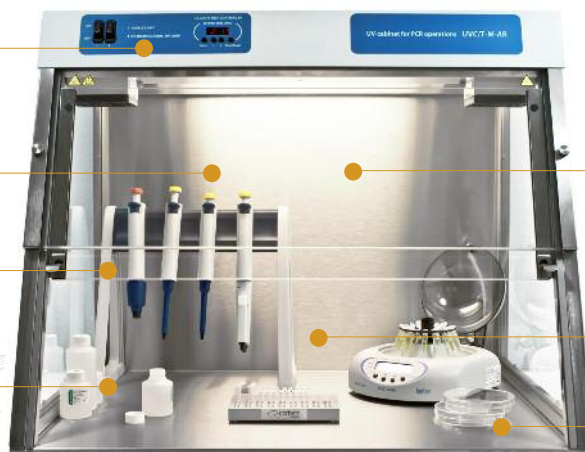
- **UV surface irradiation** – via single 25 W 254 nm open UV lamp
- **Patented high intensity UV air cleaner** – 25 m³/hour cleaner-recirculator continuous air flow with 1 cm UV irradiation distance
- **UV protection** – UV-protective film on glass panels
- **UV exposure control** – 24 hour digital timer

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



Built-in UV bactericidal cleaner-recirculator increases the maximum density of UV light (in the upper hood) and generates 25 m³/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 virucidal, inhibition of DNA and RNA contamination, applications requiring no residual decontaminants such as disinfectants, operations with DNA/RNA amplicons, microbial research

UV cabinets – DNA/RNA » UVT-B-AR economy UV cabinet

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 25 W 254 nm open UV lamp
- **Patented high intensity UV air cleaner** – 25 m³/hour cleaner-recirculator continuous air flow with 1 cm UV irradiation distance
- **UV exposure control** – 24 hour digital timer
- **Built-in power socket**
- **UV protection** - UV protective film on glass panels



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

UV cabinets – DNA/RNA » UVT-S-AR double PCR workstation

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, 1.2 m x 0.52 m working area
- UV surface irradiation – dual 30 W 254 nm UV lamp
- Patented high intensity UV air cleaner – 25 m³/hour cleaner-recirculator continuous air flow with 1 cm 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

UV cabinets – DNA/RNA »UVC/T-M-AR, UVT-B-AR and UVT-S-AR » Models and specifications

UV cabinets – models and specifications			
● = standard			
	General purpose	General purpose economy	PCR workstation
	UVC/T-M-AR	UVT-B-AR	UVT-S-AR
	 <p>31 kg h: 555 mm d: 515 mm w: 690 mm</p>	 <p>32 kg h: 555 mm d: 585 mm w: 690 mm</p>	 <p>58 kg h: 585 mm d: 585 mm w: 1245 mm</p>
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, 25 W bactericidal, 254 nm, ozone free	1	1	–
Open UV lamp, 30 W bactericidal, ozone free	–	–	2
Bactericidal air recirculator, 25 m 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	15 W	1	–
	30 W	–	1
Radiation type	Ultraviolet (253.7 m), ozone free		
Optical transmission	95%		
Digital timer(non-stop)	0 to 24 hours	●	
Internal power outlets	–	1	3
Power supply	230 V		
Internal working area	mm	650 x 475	650 x 475
			1200 x 520
Flow rate	m ³ /h	7	