

# 17 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 **NEW!**

## **PCR UV cabinet workstation**

UVT-S-AR PCR UV workstation



# PCR UV cabinets – DNA/RNA

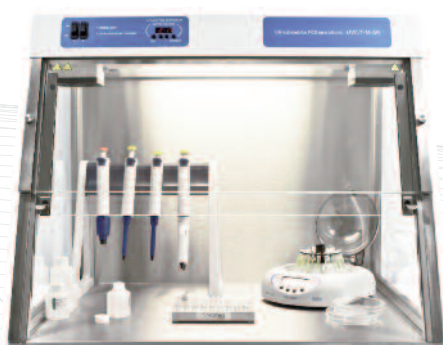
Range of advanced benchtop UV cabinets providing aseptic conditions for a variety of biomedical and biochemical procedures. Innovative dual UV system: built-in UV-air recirculator provides constant decontamination of the air volume within the cabinet while working and traditional surface UV decontamination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

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

2-year warranty



**NEW!** UVT-B-AR – economy UV cabinet



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

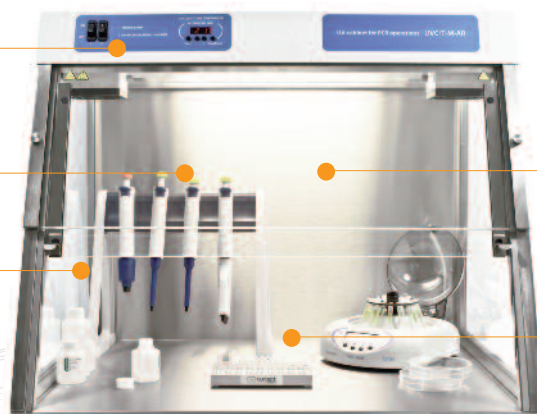
Robust general purpose stainless steel UV cabinet designed for clean operations with DNA samples.

- **UV surface irradiation** – via single 25 W 254 nm open UV lamp
- **Patented high intensity UV air cleaner** – 25 m<sup>3</sup>/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



Built-in UV bactericidal cleaner-recirculator increases the maximum density of UV light (in the upper hood) and generates 25 m<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

- 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 » **NEW!**

### UV cabinet UVT-B-AR – economy PCR UV cabinet

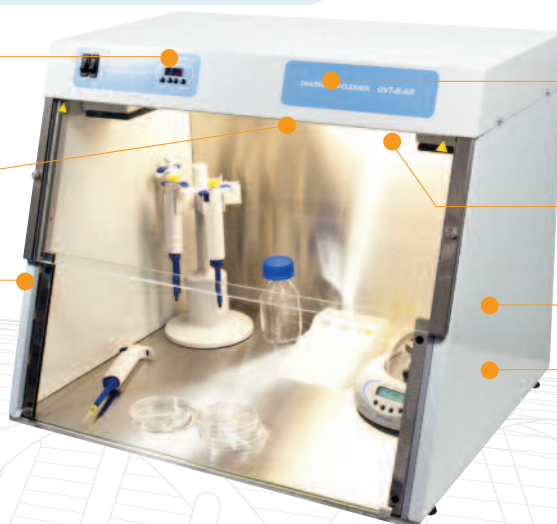
Economy bench-top model for protection against contamination during a variety of DNA/RNA procedures.

- **UV surface irradiation** – via single 25 W 254 nm open UV lamp
- **Patented high intensity UV air cleaner** – 25 m<sup>3</sup>/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

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 panels, 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

#### 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.

- 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 m<sup>3</sup>/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 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

**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
			
	32 kg h: 555 mm d: 515 mm w: 690 mm	35 kg h: 555 mm d: 585 mm w: 690 mm	58 kg h: 585 mm d: 585 mm w: 1245 mm
Construction	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 m³/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	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		