# UV cabinets – DNA/RNA

Range of advanced benchtop UV cabinets providing aseptic conditions for a variety of biomedical and biochemical procedures. The innovative built-in UV-air recirculator provides constant decontamination of the air volume within the cabinet, making it suitable for working with DNA/RNA, infectious and viral materials including prions.

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

**UVC/T-AR** – economy UV cabinet

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

**UVT-S-AR** – double PCR workstation

 © Grant Instruments (Cambridge) Ltd

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

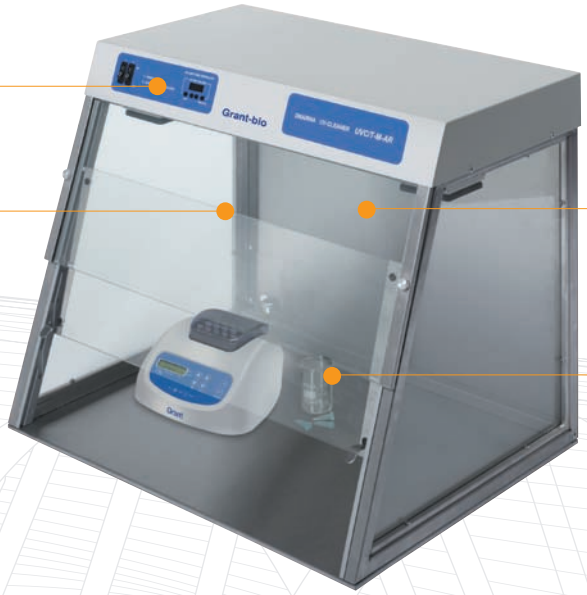
## Robust general purpose stainless steel UV cabinet designed to provide a convenient workspace.

- **UV surface irradiation – via single 25 W 254 nm open UV lamp**
- **High intensity UV air cleaner – 25 $m^3$/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

Automatic switch off of irradiated UV light when door opened




Built-in UV cleaner-recirculator both increases the maximum density of UV light and generates 25 $m^3$/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

# UV cabinet UVC/T-AR – economy UV cabinet

## General purpose UV cabinet with a lighter, more basic and economical design than UVC/T-M-AR.

- **UV surface irradiation – via single 25 W 254 nm open UV lamp**
- **High intensity UV air cleaner – 25 m$^3$/hour cleaner-recirculator continuous air flow with 1 cm UV irradiation distance**
- **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

Automatic switch-off of irradiated UV light when door opened

Built-in UV cleaner-recirculator prevents unwanted contamination and protects the user from direct UV light during manipulation

 © Grant Instruments (Cambridge) Ltd

# 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**
- **High intensity UV air cleaner – 25 $m^3$/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

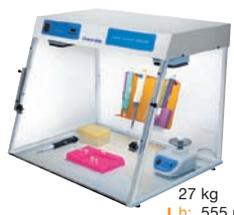
Front opening with three adjustable positions for ease of access

Automatic switch off of irradiated UV light when door opened

Built-in UV cleaner – recirculator both increases the maximum density of UV light and generates 25 $m^3$/h air flow exchange – prevents unwanted contamination and protects the user from direct UV light during manipulation

Ample additional space for equipment and comfortable working

## UV cabinets – models and specifications

| ● = standard | General purpose | General purpose economy | PCR workstation |
|---|---|---|---|
| | UVC/T-M-AR | UVC/T-AR | UVT-S-AR |
| | 35 kg<br>h: 555 mm<br>d: 515 mm<br>w: 690 mm |  27 kg<br>h: 555 mm<br>d: 515 mm<br>w: 690 mm | 58 kg<br>h: 585 mm<br>d: 580 mm<br>w: 1245 mm |
| Construction | stainless steel frame and working area | painted steel frame and working area | stainless steel frame and working area |
| Panels | glass with UV-protective film | Plexiglass | 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 | 1 | – |
| 30 W | – | – | 1 |
| Digital timer 0 to 24 hours | ● | ● | ● |
| Internal power outlets | – | – | 3 |
| Power supply | 230 V | | |

 © Grant Instruments (Cambridge) Ltd

# Wolf Laboratories Limited

**www.wolflabs.co.uk**

Wolflabs

Tel: 01759 301142 Fax:01759 301143 sales@wolflabs.co.uk

**Use the above details to contact us if this literature doesn't answer all your questions.**

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

**The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.**