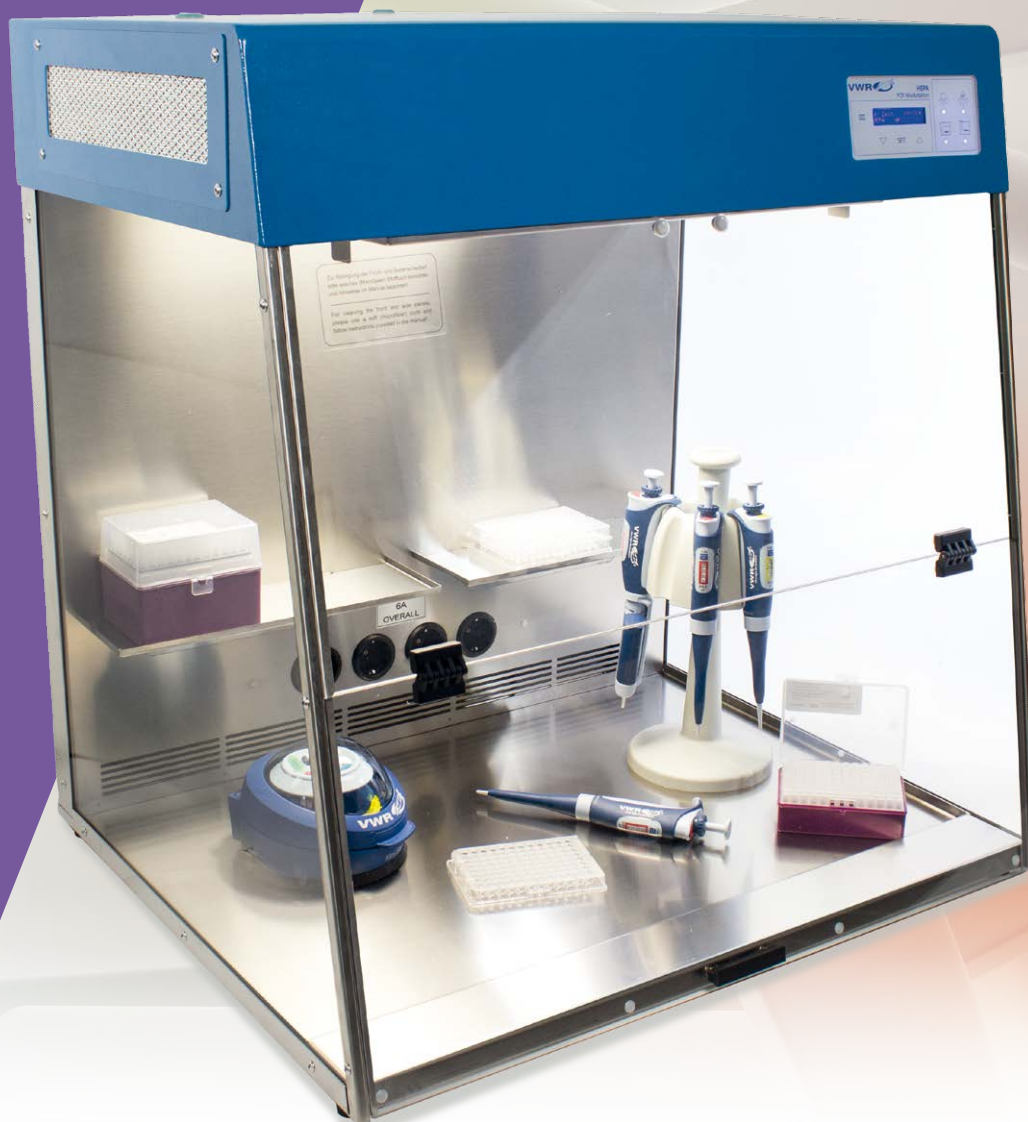


VWR® PCR WORKSTATION

Dual surface and air cleaning
action for a contamination-
free working space for sensitive
PCR-based applications





Need an ideal environment for PCR sample preparation and other sensitive protocols?

The VWR PCR Workstation decontaminates the workspace by UV inactivation of airborne and surface-bound contaminants. The unit provides effective twin action by active decontamination of the work surface during non working time by UV irradiation, plus additional inactivation of aerosol-bound contaminants by a shielded UV air recirculator during use.

PCR Workstations with HEPA filter feature a three-stage filter assembly plus UV to eliminate contamination: Pre-filter captures large dust particles; carbon filter (activated charcoal) eliminates gases, smoke and reduces ozone to improve microarray data quality; HEPA (High Efficiency Particulate Air) filter (H14 standard) blocks particles down to 0,3 microns with a filtration efficiency of 99,995%.

Large working area for stress-free working

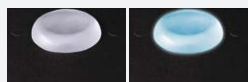
The large stainless steel, work surface is 72x54 cm, providing ample space to accommodate bench top equipment with four internal power outlets. Removable shelves give additional storage space for reaction tubes, pipettes or racks in the rear panel. This means that several working steps can be combined without changing location or interrupting workflow - minimising the risk of cross contamination - and reducing stress.

Working safely and effectively

High quality materials and design guarantees maximum user-protection and safety.

- 8 mm thick, ethanol resistant safety panels absorb UV irradiation
- Electromagnetic safety mechanism stops UV irradiation if front panel is opened
- Work surface and rear panel made of easy to clean stainless steel
- TÜV tested, certified safety
- Function indicator for UV air recirculator and HEPA system tubes
- Displays operating time of UV tubes and filters to enable well-timed replacement of tubes and filters for constant UV intensity and air purity.
- Out of hours programmable decontamination operation

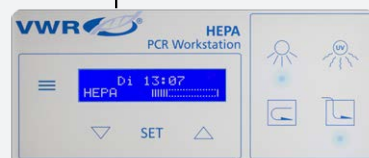
A very gentle downwards air pressure creates a working environment that blocks entry of unwanted contaminants on PCR samples.



Indicator for UV air recirculator tube and HEPA are situated at the back upper side of the device for control of proper function.



HEPA filter system (optional) feature a three-stage filter assembly plus UV to eliminate contamination.



Clearly arranged control panel with display. Optional indication of UV tube and filter run time enables well timed replacement of tubes and filters for constant UV intensity and air purity.



The large working area, removable shelves and four power outlets provide ample space for comfortable operation and allow the combination of several working steps protected from contamination.

Technical specifications	PCR Workstation	PCR Workstation HEPA
Light sources	2 internal UV tubes (254 nm, 25 W each), 1 UV tube in UV air recirculator (254 nm, 8 W), 1 white light tube internal (15 W)	2 internal UV tubes (254 nm, 25 W each), 1 UV tube in UV air recirculator (254 nm, 8 W), 1 UV tube in HEPA system (254 nm, 8 W), 1 white light tube internal (15 W)
Filter	Dust filter	Dust filter, three-stage HEPA filter (pre-filter, carbon filter and HEPA filter)
Timer UV light	5 - 30 min	
Front and side panels	8 mm Makrolon® protects from UV irradiation	
Housing	Stainless steel	
Work surface (LxD) (mm)	720x540	
Outer (LxHxD) (mm)	750x780x620	750x795x620
Electrical supply	220 V/50 Hz (EU/UK version), 120 V/60 Hz (US version)	

Description	Cat. No.
PCR Workstation with UV air recirculator, EU-plug	732-2541
PCR Workstation with UV air recirculator, UK-plug	732-2542
PCR Workstation with UV air recirculator and HEPA filter, EU-plug	732-3409
PCR Workstation with UV air recirculator and HEPA filter, UK-plug	732-3410

Accessories

The VWR PCR Workstation is delivered complete and ready to go. In time, however, these consumable elements will need replacing and are handy to have in the lab ready when needed.

Description	Cat. No.
White light bulb for PCR Workstations	732-2543
UV light bulb for PCR Workstations	732-2544
UV light bulb for air recirculator and HEPA system	732-2545
Dust filter for PCR Workstations	732-2546
Pre-filter only for PCR Workstation HEPA	732-3411
Carbon filter only for PCR Workstation HEPA	732-3412
HEPA filter only for PCR Workstation HEPA	732-3413

From breakthrough discovery to agile delivery of innovative products and services, Avantor® and VWR are one company.

Our shared vision: to be your trusted partner, providing discovery-to-delivery solutions for our global life sciences and advanced technology customers.

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