

VWR®

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PCR Workstation

01. DUAL SURFACE AND AIR
UV IRRADIATION

02. LARGE INTERIOR WITH
REMOVABLE SHELVES



An ideal environment for PCR sample preparation and other sensitive protocols



The VWR® PCR Workstation decontaminates the workspace through 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: the pre-filter captures large dust particles; the carbon filter (activated charcoal) eliminates gases, smoke and reduces ozone to improve microarray data quality; and the HEPA (High Efficiency Particulate Air) filter (H14 standard) blocks particles down to 0.3 µm with a filtration efficiency of 99.995%.

LARGE WORKING AREA FOR STRESS-FREE WORKING

The large stainless steel work surface, which is 72 x 54 cm (28³/₈ x 21¹/₄"), provides 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 — minimizing the risk of cross contamination and reducing stress.

WORKING SAFELY AND EFFECTIVELY

High quality materials and design guarantee maximum user-protection and safety, while a very gentle downwards air pressure creates a working environment that blocks entry of unwanted contaminants on PCR samples.

- 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 HEPA filters to enable well-timed replacement for constant UV intensity and air purity
- Programmable function allows for overnight/off-hour UV decontamination, eliminating the wait time



- 1 Indicator for UV air recirculator tube and HEPA are situated at the back upper side of the device for control of proper function.
- 2 HEPA filter system (optional) features a three-stage filter assembly plus UV to eliminate contamination.
- 3 Four (4) interior power outlets for multi-functional workspace.

Specifications	PCR Workstation with UV Air Recirculator	PCR Workstation PRO with HEPA Filter and UV Air Recirculator
Light sources	2 internal UV tubes (254nm, 25W each) 1 UV tube in UV air recirculator (254nm, 8W) 1 internal white light bulb (15W)	2 internal UV tubes (254nm, 25W each) 1 UV tube in UV air recirculator (254nm, 8W) 1 UB tube in HEPA system (254nm, 8W) 1 internal white light bulb (15W)
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, L x D, cm (in.)	72 x 54 (28¾ x 21¼")	
Outer dimensions, L x H x D, cm (in.)	75 x 78 x 62 (29½ x 30¾ x 24½")	75 x 79.5 x 62 (29½ x 31¼ x 24½")
Electrical	120V; 60 Hz	

Description	Cat. No.
VWR PCR Workstation with UV Air Recirculator	10783-132
VWR PCR Workstation Pro with HEPA Filter	76289-386

ACCESSORIES

The VWR® PCR Workstation is delivered complete with some assembly required. In time, however, these consumable elements will need to be replaced and are handy to have already in the lab when needed.

Description	Cat. No.
White Light Bulb for PCR Workstation	10783-134
UV Light Bulb for PCR Workstation	10783-136
UV Light Bulb for Air Recirculator of PCR Workstation	10783-138
Dust Filter for PCR Workstation	10783-140

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