

PCR VERTICAL LAMINAR FLOW

- for forensic polymerase chain reaction -



FUME  CARE

PCR-60 VERTICAL LAMINAR FLOW

The PCR-60 Vertical Laminar Flow Cabinet is a highly efficient enclosure designed to safely decontaminate items placed inside whilst maintaining a safe environment for the user.

The PCR workstation is ideal for preparing PCR and sterile samples in a way which prevents accidental contamination with unwanted DNA. The laminar flow workstation achieves this by providing clean air conditions which are comparably better than Class 100 at the worksurface.



Harmful fumes pass through the units filters, re-circulating clean air back into the laboratory.



There is no need for expensive ducting to be installed due to the units recirculatory airflow.



The safety alarm will alert the operator if face velocity falls below 0.3 M/Sec.



Its ductless construction allows for the unit to be easily moved.



Interlocked Night Door prevents accidental UV exposure during sterilisation.



Internal worksurface lighting + UV steriliser for destroying contaminating DNA and RNA.



Clear Acrylic panels allow for tri-directional viewing.



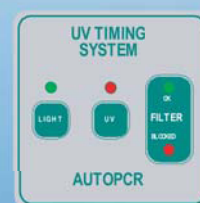
The Polycarbonate construction also allows for easy cleaning.



SPECIFICATION

Catalogue No	PCR-60
Dimensions (WxDxH), mm	600 x 650 x 1000
Working Base Area, mm	550 x 620
Main HEPA Filter (qty)	1
Airflow (m3/hr)	250
Prefilter (efficiencies superior to 99.6%)	1
Face Velocity (m3/sec)	>0.4
Electrical Supply	Single Phase, 230v, 50Hz
Noise (dBA)	55
Switches	Mains ON/OFF
Monitoring	Low Airflow Indicator
Lighting (watts)	1 x 15 watt fluorescent
UV Lighting	254nm at 15 watts
Fan	Low Noise Centrifugal
Cabinet Construction	Epoxy coated mild steel frame and head unit
Panel Construction	Clear UV Stabilised Polycarbonate

CONTROL PANEL



The Electronic control panel displays the filter condition and allows the users to set the variable UV timer

CONSUMABLES

Catalogue No	Description
FC-UV40T	UV Tube 254 nm 2 off required
FCS-030	Replacement HEPA Filter
FCS-PRF	Pack of 6 Prefilters

UK DESIGN AND MANUFACTURE

Designed and built in our Merseyside ISO 9001 accredited facility.

