

SafeAire™ GS720 PCR/UV Portable Bench-top LAF Cabinet

- Ø Class 100 LAF+UV - pre-PCR ^(RNA/DNA)
- Ø 254 nanometer UV for post-PCR ^(DNA)
- Ø 5 - 30-minutes UV countdown Timer
- Ø Class H-13 HEPA Filter (EN:1822)
- Ø Removable Stainless Steel Worktop
- Ø Automatic UV safety cut-out
- Ø Optional: additional carbon filter
- Ø Hour Counters for filter and UV-light
- Ø Fluorescent Light lit during LAF
- Ø Enhanced operator protection



GS720 PCR/UV Benchtop LAF Cabinet
(Ref.: DIN:12980:1996)

SafeAire™ GS720 PCR/UV LAF Safety Cabinets prevent contamination by DNA from any source during pre-PCR sample preparations by virtue of the vertical laminar down-flow of Class 100 purity filtered sterile air – whilst eliminating during post-PCR the unwanted DNA sequences or fragments by intensive UV-Light exposure of 254 nanometres wavelength.

SafeAire™ GS720 PCR/UV LAF Safety Cabinets therefore combine two technologies to provide the required effective decontamination for Polymerase Chain Reactions - besides providing the necessary protection to operators from exposure to biological agents, harmful UV-radiation and also β -emissions from P³²-labelled samples during PCR.

GS720 PCR PCR/UV LAF Cabinet	Dimensions W x D x H (mm)		Weight	Airflow		Electrical		
	External	Internal		Face Velocity	LAF Volume	Voltage	Current	Power
	720 x 625x 1052	715 x 535 x 525	80 kg	0.4 m/sec	400 m ³ /h	230v	0.9A	0.175kW

Epoxy powder coated cold rolled steel structure, perforated Stainless Steel worktop with spill-tray plus an effortlessly gliding counter-weighted suspended safety-glass sash add to the many safety features of these PCR/UV cabinets. Besides their primary use for decontamination in DNA and forensic science labs during Polymerase Chain Reactions these are also utilized in tissue culture work as standard Vertical Laminar Flow Cabinets and elsewhere as UV Sterilization Cabinets.

Additional fixed base-stands and trolleys made in epoxy powder-coated steel are also supplied – with option for fitting an additional activated carbon filter – in case environmental protection or operator protection from exposure to solvent-vapours is required for certain special applications.

We reserve the right to change specification without notice for continuous improvement
Gruppo Strola – EN ISO 9001 – ISO 14001 – DIN 12980 - 'CE'