

PCR Cabinet (Polymerase Chain Reaction Cabinet)

The AST PCR cabinet has been specifically designed for gene-amplification work using the **PCR** technique (Polymerase Chain Reaction). A digital timer, inverter and **two 18W UV tubes** have been included to ensure the material placed inside, as well as the entire work surface, is completely sterile, thus preventing any possible cross-contamination between the DNA and RNA samples that may give rise to false-positives. The 4mm-thick tempered glass works as a filter to protect the personnel and the environment from UV radiation.



Technical Specifications

Model	AST-PCR-36	AST-PCR-42	AST-PCR-48
Size External inches	36 x 28 x 72	42 x 28 x 72	48 x 28 x 72
Size internal inches	30 x 22 x 22	37 x 22 x 22	42 x 22 x 22
Work Surface Height	28"		
Material Interior	Powder coated Steel		
Material Exterior	Powder coated MS / GI/PVC/PP/Nylon		
Material Worktable	SS 304		
Front window	4 mm Glass		
Hepa Filter	H14 (Efficiency 99.999% at 0.3 micro meter)		
Blower Watt	250 inverter Technology		
Air flow control	0.3-0.7 m/s with inverter technology		
Timer	Digital Timer used to control for UV Light illumination/on/OFF control/Blower control/Total operation Control depends on user friendliness)		
Protection Class	Class I		
Noise level	<55 dBA		
Standard Accessories	Power socket: 1000Wx1, UV Light x 2, LED Light x 1		
Weight	100 Kg	140 Kg	180 Kg
Power Supply	220V AC, 50 Hz		