



Biological Safety Cabinet (BSC)

A Biological Safety Cabinet (BSC), also known as a Biosafety Cabinet is mainly used for handling pathogenic biological samples or for applications that require a sterile work zone. A biological safety cabinet creates inflow and downflow of air that provides operator protection. The downflow air passes through a HEPA filter and creates an ISO Class 3 work zone to protect samples from the risk of cross-contamination. The exhausted air also passes through a HEPA filter prior to release to protect the environment.

Technical Specification:

Width:	100 , 130 , 160cm
Material:	Body: electro statically coated metal / Tray: SS-304L
Main controller:	Atech TDE PLC system
Display:	3.5" blue backlight character LCD
Main & Exhaust Filter:	Certified H14 Hepa Filter
Class/Type:	Class II / Type A2 & B2
Sterilization:	UV-C Sterilization with automatic digital timer & door safety switch
Additional Optional:	Air velocity Sensor to control the fan inverter in $0.45\text{m/S} \pm 20\%$, DP sensor with filter change alarm, full SS-304L body, HMI Touchscreen