BioStag
Catalizing Innovation

India Most advanced Glove Box Workstation

Why Choose BST Glove Box Work Station?

- ❖ Most Cost Effective
- ❖ Highest Level of Reliability & Safety
- ❖ Stainless steel enclosure with polycarbonate window
- ❖ Easy locking and transferring system
- ❖ Best controlled environment for Chemical Studies and storing
- ❖ Microprocessor based controlling and Display of parameter

Features

- ➢ Automatic maintenance of oxygen and moisture level in main chamber
- ➢ Microprocessor based Controlling for antechamber and main chamber
- ➢ Digital Touch Screen Display
- ➢ User friendly Interface for data Input
- ➢ Negative and positive pressure operation using foot Padel switch
- ➢ Proprietary algorithm to maintain moisture and O2 conc less < 1 PPM.
- ➢ Solid state sensor, Digital Vacuum/Pressure sensors and PT100 sensors.
- ➢ Particle removal, Charcoal and moisture and HEPA filters,
- ➢ Florescence light for general purpose.
- ➢ Power Electric Switch and Shelves

Technical Specification	
Chamber	
Dimensions	Material: Stainless steel 1.4301 (304); Thickness 3 mm; Dimensions: 1200mm x 750mm x 750mm L x W x H, Brushed finish roughness
Front window	8mm Front panel is Sapphire Coated Polycarbonate/acrylic material
Glove port	Two glove ports of POM Material, Glove port diameter: 220 mm (8"); O-ring seal
Gloves	Two pair of butyl gloves, Material: Butyl rubber; Thickness: 0.8 mm
Filter	Outlet and inlet filters, filter rate<0.3µm
Illumination	LED lighting is located on the top of the front window
Shelves	Three shelves for storage
Leak rate	leakage rate <0.005 vol % / h
Feed Through	Multiple feed through with KF connectors
Anti-Chamber	
Dimensions (mm):	L x D x H : 300 x 450 x 450 mm
Material of construction:	Stainless steel, **Thickness:** 3 mm, **Door sealing mechanism:** Spindle lock/ Gas piston type
Vacuum	Better than 0.4-0.6 mbar or flow volume 10-15 m3/hr
Oxygen Sensors	
Make:	GE Make
Measurement range	0-1000 ppm, with accuracy : +/- 1 ppm, Accuracy: ± 3 ppm in full range, Resolution: ± 0.5 % in full range
Moisture Sensors	
Make:	GE Make
Measurement range	0 – 500 ppm, Accuracy: ± 2 ºC DP
Purification System	
Description	Automatic removal of H2O and O2; Two purification column system, automatic regeneration; closed gas circulation line
Materials:	Copper Catalyst, Molecular sieves, Activated Carbon, with high efficient O_2, H_2O adsorbent, Capacity: 25 L O_2 and 1000 g H_2O
Working gas	Working gas:N2、Ar
Circulation unit	Oil-free high-speed fan; air volume: 0-100 m3 / h (0-59 cfm)
Vacuum pump	Specifications: Rotary vane vacuum pump, equipped with oil mist filter,

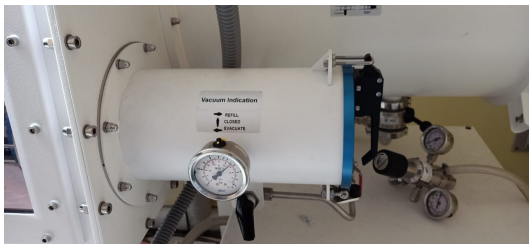
	with gas ballast control; flow rate: 12 m^3 / h (7 cfm),
Controlling	
Processor	Microprocessor based controlling for parameter, After setting the parameters; the system can automatically perform gas replacement in the chamber.
Display	7 Inch touch screen Display, Display parameter of main chamber, Purification panel & ante-chamber
Valves	Electromagnetic Valves
Tubing	SS 1 Inch tubing

Who We Are?

We, BioStag Technologies, innovate and designed most economical products to support healthcare professionals to provide high end technology to researcher.

We make sure our chambers are held to the highest standard of quality so we can meet the satisfaction of scientist.

We have vibrant team of dedicated and credentialed professionals who offer support to client whenever they needed.



BST offers a diverse product line including Oxygen Generator, centrifuges, hypobaric system and gas generator. BST products are world-class technology and engineering.

BST have well trained engineer to provide service all over India. BST also have good network of business partners and services offices.

Optional Accessories:

Medical record software
Vacuum Pump
UV Light and CCD Camera
Nitrogen gas Generator

Biostag Technologies

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