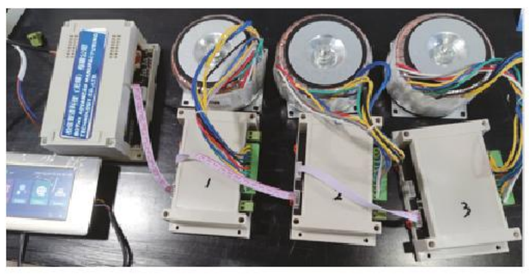
Laminar Flow Hood

A laminar flow hood is an air filtration device that provides an ISO Class 5 unidirectional airflow to create a high-cleanliness environment. It is widely used in ISO Class 5 clean production areas of industries such as pharmaceuticals and food.

Product Features

- Optimized perforated grills Design:Increase air intake area thus enhance fan's pressure distribution and durability
- Robust Construction: Accurate bending and all-weldded with premium brushed finish
- Stable Filtration System: Positive pressure plenum combines with groove HEPA filter ensures 100% air filtrated and consistent airflow
- Flexible Installation: Freestanding, modular, suspended, or floor-mounted

▲ LCD Controller for Laminar Flow Hood



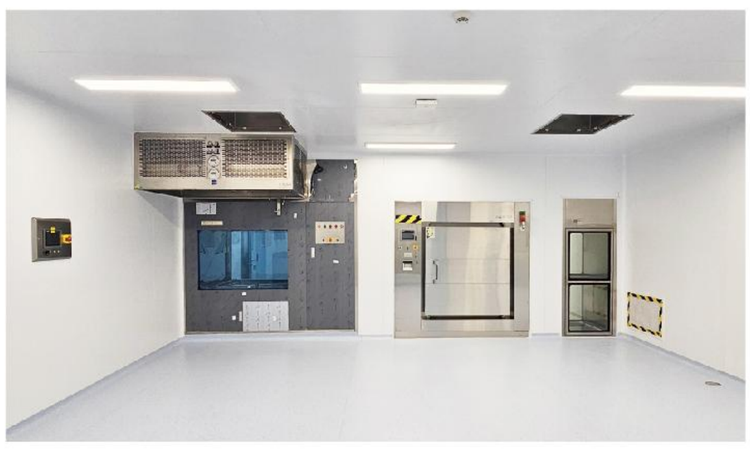
▲ Touchscreen controller for Laminar Flow

Standard Configuration

- SUS304 brushed stainless steel plate or anti-fingerprint plate
- Analog high-precision pressure gauge
- Brand HEPA filter
- PLC-based microcomputer control
- Permanent magnet low-noise DC fan

Optional Configuration

- Digital High-Precision Differential Pressure Gauge
- Adaptive Intelligent Alert Algorithm
- Smart Touch-Screen Control
- Ambient Dynamic Monitoring
- Audit Trail Function



Product Highlights

- Remote Control: Operable via mobile App for convenient management
- Extended Coverage: Negative-pressure structure and vertical airflow reach over 2.7 meters
- Smart Maintenance: Paperless initial resistance recording and automatic filter replacement alerts

Standard Models & Technical Parameters

Model	External Dimensions (WxDxH) mm	Internal Dimensions (WxDxH) mm	Weight (kg)	Laminar Air Flow Rate (m^3/h)	Consumption (kW)	Air Velocity m/s	Cleanliness Level	Noise Level dB(A)	Light Intensity (lux)
BCLZ-120060	1200x600x600	1140x580	80	1070	0.4	0.45±20%	ISO 14644-1 Class 5	≤65	≥300
BCLZ-100100	1000x1000x600	940x980	95	1490	0.6				
BCLZ-200100	2000x1000x600	1940x980	160	3080	1.2				
BCLZ-180120	1800x1200x600	1740x1180	165	3325	1.5				
BCLZ-240120	2400x1200x600	2340x1180	215	4470	2				
BCLZ-200150	2000x1500x600	1940x1480	215	4650	6				
BCLZ-200200	2000x2000x600	1940x1980	260	6220	5				

BOTHX ADVANCED MANUFACTURING TECHNOLOGY CO.,LTD

No. 20, East Hehuan Road, Binhu District,
Wuxi, Jiangsu, China

sales@bothx.com

www.bothx.com