

**TS-1300U**

# VERTICAL FLOW CLEAN BENCH



## Introduction

TOP INSTRUMENT Vertical Flow Clean Bench TS-1300U is a laboratory instrument used for providing a clean and sterile work environment for handling materials that are sensitive to contamination. They are preferred over traditional methods of handling sensitive materials because they provide a safe and controlled environment for the user and the surrounding environment.

## Features

- Arbitrary positioning sliding door system is adopted.
- The shell is welded with cold-rolled plate, the surface is electrostatically sprayed, and the work surface is SUS304 brushed stainless steel, corrosion-resistant, easy to clean.
- The lighting and sterilization system are interlocked safely, and have the function of timing the ultraviolet light.
- Digital display LCD control interface, more humanized design.
- The vertical quasi-closed table top and the formation of the downflow air curtain in the operating room can effectively prevent external air from being injected and clean the operating area.
- It is equipped with a HEPA high-efficiency air filter and a primary filter for preliminary filtration, which can effectively prolong the service life of the high-efficiency filter.

## Technical Parameter

Cleaning level	Grade 100 $\geq$ 0.5 $\mu$ M (209E U.S. Federal)
Number of bacteria	$\leq$ 5per utensil.hour (90mm utensil)
The average wind speed	0.25~0.45m/s
Noise	$\leq$ 62dB (A)
Half ventilation peak value	$\leq$ 0.5 $\mu$ m (XYZ direction)
Illumination	$\geq$ 300LX
Power supply	AC, 220V/50Hz
Maximum power	500W
Weight	150kg
Dimension of working area (W*D*H1)	1140*600*700mm
Overall dimension (W*D*H)	1300*760*1760mm
Suited number	Double/Single
Efficient filter specifications and quantities	1125*540*50* ①
Specification and number of fluorescent lamp or UV lamp of ultraviolet lights	12W* ① /30W* ①