

LAMINAR FLOW UNITS

MICROBIOLOGICAL SAFETY CABINETS

Microbiological safety cabinets are designed to protect sample, work space, user and the environment from contamination aerosols arising from the handling of potentially hazardous micro-organisms

Clean Room Design

Microbiological safety cabinets is designed to have negative pressure in the working area which protects operator from contamination and HEPA filtrated air in cabinet protects work object and environment.

The air flow system works so that 70% is recirculation of contaminated air and 30% is exhaust air.

Protection:

- product and workspace
- the user
- enviroment

Biosafety level 1, 2 or 3



Clean Room Design d.o.o.

CLEAN ROOM DESIGN d.o.o.

MICROBIOLOGICAL SAFETY CABINETS

Features:

- Housing made of galvanized sheet steel
- Workspace made of stainless steel (AISI 304)
- Sitting or standing work function
- Adjustable airflow speed: 0.25-0.45 m/s
- Vertical laminar air flow
- Electric lifting of the front protective glass

Basic options:

- HEPA filter H14 (replaceable)
- Sitting work function
- Pressure gauge
- LED illumination (750 lux)
- UV lamp
- Counter of working hours of the UV lamp
- Acoustic and visual alarm
- Operating hours counter

Additional options:

- Standing work function
- Double manometer with differential reading: filter clogging control
- Filter clogging alarm
- Connection for water, air, gas

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