

# MICROBIOLOGICAL SAFETY CABINET

(MSC) CLASS II. ACCORDING EN 12469:2000

Hanging laminar flow cabinet is designed for applications requiring laminar air flow in order to protect the product against particle and bacterial contamination, but also full elimination of vibrations caused by laminar.

- **Fully automated operation controlled by microprocessor unit which ensures for optimal parameters of air flow within working space**
- **Monitoring of filters clogging, air flow velocity in the working space, air volume on the exhaust and residual number of days to calibration of MSC**
- **Display of operation time of germicidal UV radiator and filters**
- **Program supporting MSC decontamination by formaldehyde vapors**



Biohazard

## DESCRIPTION

The case of the cabinet is made of sheet steel finished with baking powder enamel resistant against wear and disinfection means. Worktop and leakproof tray under the worktop are made of corrosion-resistant steel. During production of the cabinet, coat of the cabinet is tested, according to EN 12469:2000, for tightness. All materials used within inner space are insorptive and well decontaminable

The work chamber of the cabinet is fully lockable by slightly sloped splinterless safety glass (sash) preventing from reflections and allowing good view over the work chamber of the cabinet.

The MSC works in modes that automatically adjust the case target parameters for the given activity: standby, operation and maintenance (cleaning, decontamination, service measurement). The mode is selected by a key on the control panel and is protected from intervention of any unauthorized person.

Deviation from safe values is signaled acoustically and optically. Display of microprocessor unit informs of the operation status of the cabinet and shows the laminar flow velocity within the work chamber of the cabinet, pressure drop in the filters, operation time of installed filters, operation time of the UV irradiator, residual number of days to the last calibration of the MSC.

The microprocessor unit is controlled through a simple interface. The interface allows to control the UV irradiator and to select the operation modes for cleaning, decontamination, service measurement or language selection on the display of the unit.

## DIMENSIONS

	External dimensions (mm)			Workspace dimensions (mm)			Supply voltage (W)	Weight (kg)
	width	height	depth	width	height	depth		
MB 120	1240	1400	760	1200	620	540	500	180
MB 180	1850	1400	760	1830	620	540	700	260



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