



MOBILE TROLLEY VERTICAL LAMINAR AIR FLOW

This system is designed to provide product protection. It ensures ISO 5 cleanliness level and maintains unidirectional airflow within workspace during product transportation.



Model	Internal dimension (mm)			External dimension (mm)		
	W	D	H	W	D	H
ST-MT-36X24	915	610	610	1055	760	2110
ST-MT-48X24	1220	610	610	1360	760	2110

Note: Customised dimensions as per requirement



Features:

- MOC: SS304, SS316 and SS316L or customized execution
- SS worktable
- Fresh air pre-filter: EU-7
- Final Filter: H-14
- PAO port.
- Mechanical differential gauge across final filter.
- Ventilator
- LED Light
- Electrical control system with push button and indicators
- UPS with battery with built-in alarms and view panel. Backup time 30min

Optional Features:

- Microprocessor / PLC-HMI based control system
- Flameproof execution
- Digital instrumentations for measuring differential pressure, velocity etc.
- Audio-visual alarm for malfunction of ventilator, UPS and set operating parameters
- EC ventilator
- GEL seal HEPA

Performance:

- Air cleanliness level: ISO 5
- Air Velocity: 0.45mps (\pm 0.05mps)
- Air Flow: Vertical re-circulatory
- Noise Level: Less than 70db A when ambient is not more than 55db A
- Light Intensity: 250-300 lux