



## Sampling and Dispensing Booth

It is stand-alone system designed to provide protection to products, personnel and environment during sampling, dispensing, grinding and filling operation.

It ensures ISO 5 cleanliness level within safe working zone inside booth and typical scavenging air flow pattern ensure that there is reasonable protection to operator and environment. It can be used up to OEB 3 category materials with add-on.



Model	Internal dimension (mm)			External dimension (mm)		
	W	D	H	W	D	H
SQT-DB-48X48	1220	1220	1950	1380	1900	2265
SQT-DB-60X48	1525	1220	1950	1685	1900	2265
SQT-DB-72X48	1830	1220	1950	1990	1900	2265

Note: Customized dimensions as per requirement.



## **Features:**

- MOC: SS304/SS316 or customized execution
- Side panel: Rigid SS 304 double wall
- Pre-filter:Eu-4
- Exhaust HEPA: H-14
- PAO port.
- Mechanical differential gauge across pre, intermediate and final filter.
- Ventilator
- LED light
- Electrical control system with push button and indicators
- Switch socket
- Service access: Front or back
- Dedicated control panel
- Drag shield

## **Optional Features:**

- Microprocessor / PLC-HMI based control system.
- Flameproof execution
- Digital instrumentations like differential pressure gauge, temp / RH, velocity sensoretc.
- Audio-visual alarm for malfunction of ventilator and set parameters
- SS bottom coving within workspace
- Worktable
- Utility connection (Air, Nitrogen)
- EC ventilator
- GEL seal HEPA
- Sodium lamp
- PVC curtain

## **Performance:**

- Air cleanliness level: ISO 5
- Air Velocity: 0.45mps ( $\pm$  0.05mps)
- Air Flow: Vertical re-circulatory