

Vacuum dry oven ▶▶

ETSP-VD series

ETSP-VD series are designed for removing water from the surface or interior of certain products or substrates or removal of moisture from water-based coatings and adhesives. MTS-VD series are designed and built to your specific requirements for part size, production rate and thermal characteristics.

ETSP-VD series are manufactured according to the Total Quality procedures, in compliance with the ISO 9001 standard.



ETSP-VD series

General Features

- Tight seal at a vacuum level by equipped door gasket and a push button latch
- Block type heaters heat the chamber evenly and good transmission by anodized aluminum plate shelf
- Heat tempered full view window permits continuous monitoring
- Programmable type temperature controller and programmable type vacuum controller (option)
- Excellent space efficiency and user friendly all in one type operating panel.
- Microprocess PID control / Auto-tuning /Calibration
- Over temperature limiter / Door opening alarm
- Digital LED display (1 °C resolution) with touch-sensitive keypads
- RS-232/RS485 data interface

Technical Features

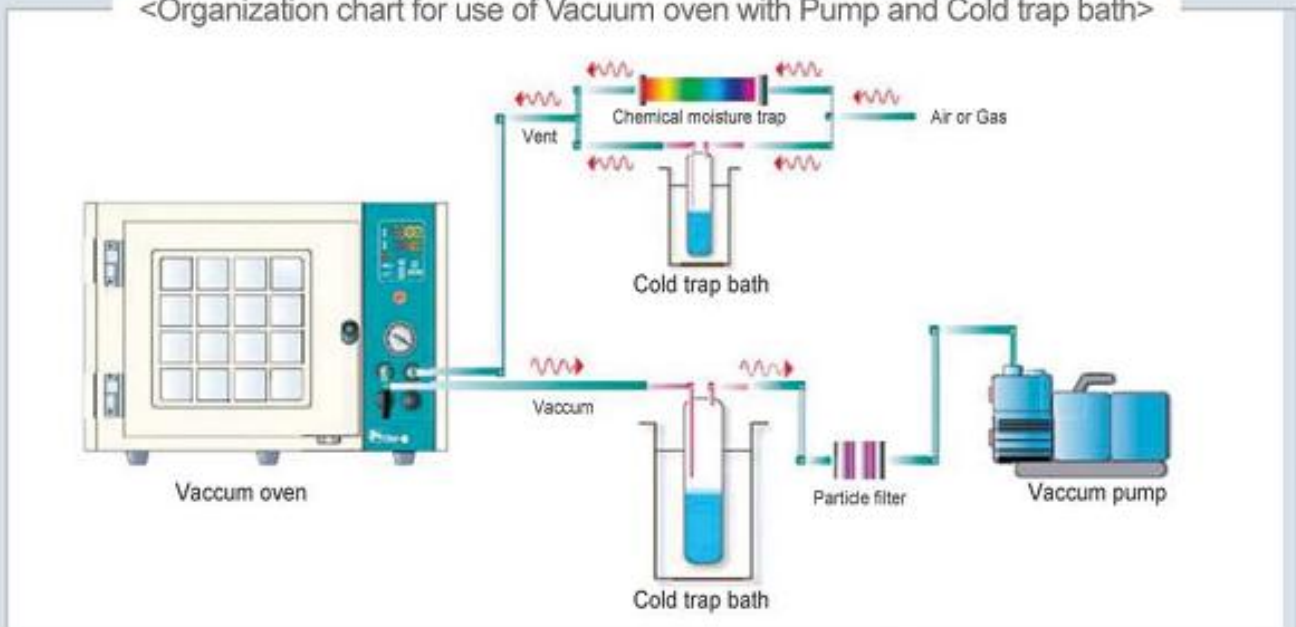
Temperature range	Ambient +5 °C ~ +250 °C
Temperature fluctuation	Less than ±0.5 °C (vacuum), Less than ±1.0 °C (atmospheric)
Temperature uniformity	Less than ± 2.0 °C at 100 °C
Heat up time to 200 °C	Within 55 minutes under vacuum with no load
Max. final vacuum	100Pa (1mbar) (more higher vacuum range is option)
Pull down rate from atmospheric pressure to 1mbar	Within 18minutes
Recovery time	Within 11 minutes
Input Power Requirements	220V / 380V , 50Hz/60Hz, 1PH/3PH (Changeable according to customer specification)

Technical Specification

Model	Internal dimensions	External dimensions	Useful capacity
ETSP-VD 27	300 × 300 × 300 (W × D × H) mm	680 × 450 × 495 (W × D × H) mm	27 liters
ETSP-VD 64	400 × 400 × 400 (W × D × H) mm	780 × 550 × 595 (W × D × H) mm	65 liters
ETSP-VD 130	500 × 530 × 490 (W × D × H) mm	950 × 780 × 800 (W × D × H) mm	130 liter
ETSP-VD 512	800 × 800 × 800 (W × D × H) mm	1060 × 960 × 1450 (W × D × H) mm	512 liter

◆ Note Different size of chambers are available on user's demand

<Organization chart for use of Vacuum oven with Pump and Cold trap bath>



Options

- Recorder
- Inlet filter
- Hermetic terminals for application or for thermocouple
- Additional shelf
- Vacuum pumps and oil mist trip
- Cold trap baths
- Customization available