

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 $\pm 0.5^{\circ}\text{C}$ (vacuum), Less than $\pm 1.0^{\circ}\text{C}$ (atmospheric)
Temperature uniformity	Less than $\pm 2.0^{\circ}\text{C}$ 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)