



## Vacuum dryer system with air lock function

VVTD 110/130/190- WT- M- 160°C

### Application

Post- drying of electrode coils in a vacuum

### Industrial sector

Battery Production



## Technical Data

Nominal temperature:	160°C
Heating capacity:	48 kW
Cooling capacity:	25 kW
Supply voltage:	3 (N) PE AC 400 V, 50 Hz

Inner dimensions:	
Width	1100 mm
Height	1300 mm
Depth	1900 mm

Outer dimensions, casing:	
Width	2150 mm
Height	3060 mm
Depth	2700 mm

## Equipment

- Vacuum pumping station including condenser unit for the safe separating of solvents to comply with TA-Luft
- Pass-through dryer
- External temperature control unit for heating and cooling and integrated convective heating
- Vacuum recipient and outer housing made of stainless steel, optimized for installation in the cleanroom
- Siemens S7 controls with OPC- UA
- Loading by means of lift trucks and customized oven carriers

## Potential fields of application

Drying processes under vacuum, where the product requires high-end quality and is produced efficiently.

## Special features

- Standardized interface to dry room installation to ensure easy integration
- Connection to the customers MES for digital order management and complete traceability
- Inline moisture measurement to evaluate the drying process