



# Vacuum Drying Oven

with or without explosion-proof



## Vacuum Drying Oven Type VT

Designed for drying/evaporation or  
for heat-treatment of materials

Heating System:

Electrical, thermal-oil, warmwater or steam

Jacket and/or shelf heated

# Vacuum Drying Oven

Technical Data Standard Design		VT	130	270	420	760	980	1520
Temperature Range, T <sub>max</sub>		°C	220	220	220	220	220	220
Chamber	Width	mm	500	670	670	870	870	870
	Height	mm	500	550	850	850	1.100	1.700
	Depth	mm	530	735	735	1.050	1.050	1.050
	Volume	Litre	132	271	703	1.500	3.125	8.000
Heating Plates	Width	mm	480	650	650	850	850	850
	Depth	mm	450	650	650	970	970	970
	Number	(max.)	3 (5)	3 (5)	5 (12)	5 (12)	7 (16)	10 (24)
Heating Power per Plate		kW	1 - 2	1 - 2	1,5 - 2	2 - 3	2 - 3	2 - 3
Nominal Power			400 V 3N PE AC					
Casing	Width	mm	1.000	1.200	1.200	1.370	1.370	1.370
	Height	mm	700	975	1.050	1.050	1.300	1.900
	Depth	mm	880	1.150	1.150	1.800	2.050	2.800
Base Frame	Height	mm	850	790	700	700	650	without
Switchbox		place	left	left	left	left	left	left

The inner and outer dimensions as well as the thermal, mechanical and electrical equipment of the Vacuum Drying Ovens can be designed according to your technical requirements.

## RANGE OF APPLICATION OF THE VACUUM DRYING OVENS:

- For careful and even drying of heat sensitive materials under vacuum >as required for powder, granulate and paste< under low temperatures.
- For drying or heat treatment of materials emitting vapours which form an explosive compound when in contact with air; explosion-proof design.
- For drying or heat treatment of materials under clean room conditions or in a protective gas atmosphere; special design.

## HEATING SYSTEM OF VACUUM DRYING OVENS:

Besides the standard electrical shelf heating equipment, the Vacuum Drying Ovens can be heated, according to your requirements, with **thermal oil, warm water or steam; jacked or jacked and shelf heated ovens, optional**.

The Vacuum Drying Ovens can also be equipped with an additional **cooling system (cooled inserts)** in order to reduce the cooling phase of the goods and the charging temperature.