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# TENCAN

## Product Brochure



**SINTERING SERIES**

## vacuum drying oven

**DZF**

Vacuum drying oven for heat-sensitive materials, powders, and glassware sterilization. Ideal for pharma, biochem, and research labs.

<https://www.planetaryballmills.com/products/sintering-series/vacuum-drying-oven.html>



## Product Overview

Vacuum drying oven for heat-sensitive materials, powders, and glassware sterilization. Ideal for pharma, biochem, and research labs.



### Vacuum Drying Oven

Microcomputer Temperature Controller  
Precise and Reliable Temperature Control

Electronically Controlled  
Vacuum Level

Independent Temperature  
Control by Layer

Tempered, Explosion-Proof  
Double-Layer Glass Door



### Vacuum Drying Oven

Microcomputer Temperature Controller  
Accurate and Reliable Temperature Control

Electronic Vacuum Control

Independent Temperature Control by Layer

Tempered, Shatter-Resistant  
Double-Layer Glass Door





## Product Introduction

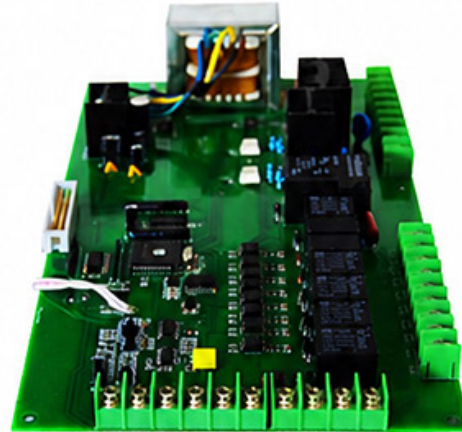
Vacuum drying ovens are widely used in research and application fields such as biochemistry, chemical pharmaceuticals, medical and health, agricultural scientific research, environmental protection, etc. for powder drying, baking, and disinfection and sterilization of various types of glass containers. It is especially suitable for fast and efficient drying of heat-sensitive, easily decomposed, easily oxidized substances and items with complex components.

**DZF Series**

# Product Details

## Microcomputer Intelligent Controller

User password control,  
built-in multifunction  
memory menu



## Three-core Temperature Sensor

Fast response to step  
changes in temperature,  
minimal self-heating effect

## Vacuum Sensor

Provides accurate pressure readings  
for effective stability control  
of the vacuum system



Research and application fields such as biochemistry, chemical pharmaceuticals, medical and health, agricultural scientific research, environmental protection, etc.

## Technical parameters

Product name	model	Studio SpecificationsMM (Height × Width × Depth)	Appearance specifications MM (Height × Width × Depth)	Voltage V	PowerKW	temperature°C	Vacuum degree Pa	Accuracy°C	Volatility°C	Packing weightKG (Including wooden frame)	Remark
Vacuum drying oven (cold rolled plate liner)	DZF-6020	310×265×280	450×635×465	220	0.9	50~200	<133	±0.5	±1%	52.5	Digital display intelligent temperature controller, The timing range is 0~999 minutes. Optional vacuum pump
	DZF-6050	400×370×350	570×750×515	220	1.4	50~200	<133	±0.5	±1%	75	
	DZF-6090	485×440×425	620×780×600	220	2.4	50~200	<133	±0.5	±1%	112	
Vacuum drying oven (stainless steel liner)	DZF-6020S	310×265×280	450×635×465	220	0.9	50~200	<133	±0.5	±1%	52.5	
	DZF-6050S	400×370×350	570×750×515	220	1.4	50~200	<133	±0.5	±1%	75	
	DZF-6090S	485×440×425	620×780×600	220	2.4	50~200	<133	±0.5	±1%	112	

## Product Features

1. Cuboid studio, microcomputer temperature controller, precise and reliable temperature control.
2. The tempered and bulletproof double-glazed doors provide a clear view of objects in the studio.
3. The tightness of the box door can be adjusted, and the integrally formed silicone rubber door seal ensures a high vacuum inside the box.
4. The studio is made of stainless steel plate (or brushed plate) to ensure the product is durable.
5. Storage, heating, testing and drying are all carried out in an environment without oxygen or filled with inert gas, so there will be no oxidation.
6. The shortest heating time, the heating time is reduced by more than 50% compared with traditional vacuum drying oven | vacuum oven.

## Accessories & Customization

### Accessories

Grinding jars, heating elements, sample holders, control modules and other matching accessories can be selected according to the product configuration.

### Customization

For voltage, capacity, chamber size, process temperature or application requirements, please contact TENCAN for a suitable configuration.