



# LABORATORY LINES

## FREEZE DRYER



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## Benchtop Laboratory Freeze Dryer

Model YR05188



Freeze dryer is widely used in medicine, pharmacy, biology research, chemical industry and food production ,etc. After the freeze-drying process, a long-term preservation for products is much easier. They can be restored to the original state and maintain their chemical and biological characteristics after being watered. The vacuum freezing drying technology, which is also called sublimation drying, is a technical method that freezes the samples in advance, and then sublimates its moisture in the vacuum state.

### Features:

- CFC Free refrigeration
- LCD display drying curves, English interface
- Big opening of condenser, condenser with pre-freezing function
- Low noise compressor, good efficiency, long service life
- Condenser and operation panel are all stainless steel
- Drying Chamber with organic glass is safe and visible
- Shelf and tray are stainless steel, tray spacing can be customized
- Small volume , easy and convenient operation
- Nitrogen valve is optional
- Eutectic point test device is optional
- Communication interface is optional
- Cascade refrigeration is optional , applied for -80°C device

### Standard accessories:

- ·main unit ×1
- ·vacuum pump×1
- ·standard drying shelf ×1
- ·multi-manifold standard drying chamber ×1
- ·sample containers Φ200mm×4
- ·pre-freezing shelf×1
- ·flask×8
- ·rubber valve×8
- ·user's manual×1
- ·warranty card ×1
- ·production certification×1
- ·other accessories



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2 Rue Jean Lantier • 75001 Paris •  
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**Benchtop Laboratory Freeze Dryer**

**Model YR05188**

 Energy-saving and environmental friendly



<b>Model</b>	<b>YR05188</b>
<b>Freeze drying area</b>	0.12m <sup>2</sup>
<b>Condenser capacity</b>	3-4 L /24h
<b>Condenser temperature</b>	-55°C (-80 °C optional)
<b>Vacuum degree</b>	< 10 Pa
<b>Material tray</b>	Φ200mm , 4 layers
<b>Bulk capacity</b>	1.2L, 10mm thickness
<b>Vial capacity Φ12mm</b>	920 pcs
<b>Vial capacity Φ16mm</b>	480 pcs
<b>Vial capacity Φ22mm</b>	260 pcs
<b>Manifold</b>	with 8 ports
<b>Flask</b>	1000ml,500ml ,250ml ,100ml
<b>Cooling</b>	Air, draughtly , ambient temperature≤25°C
<b>Voltage</b>	220V ,50 Hz; 110V, 50Hz; 110V, 60Hz
<b>Power</b>	700W
<b>Dimension</b>	460×625×(370+465) mm
<b>Host weight</b>	41 kg



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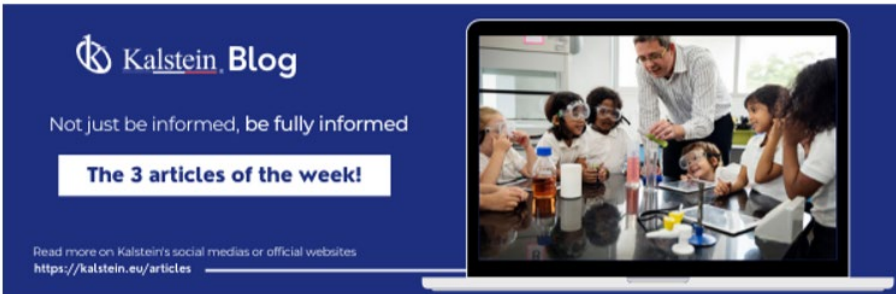
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PARIS - FRANCE  
**HEADQUARTER**  
2 Rue Jean Lantier  
75001 Paris - France

**Tlf:** +33 (0) 01 78 95 87 89  
**Cel:** +33 (0) 6 80 76 07 10  
[sales@kalstein.eu](mailto:sales@kalstein.eu)

<https://kalstein.eu/>  
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