



LABORATORY LINES

FREEZE DRYER



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KALSTEIN® Freeze Dryer
Benchtop Manifold Top Press Lab Freeze Dryer
Model YR05189



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Model YR05189



Product Description:

Freeze Dryer is suitable for laboratory freeze drying experiments. It is a superior bench top collector press. The freeze dryer is widely used in medicine, pharmacy, biological research, chemical industry and food production, etc. After the freeze-drying process, the long-term preservation of the products is much easier. They can be restored to their original state and keep their chemical and biological characteristics after being watered. Vacuum freeze-drying technology, which is also called sublimation drying, is a technical method that freezes samples in advance and then sublimates their moisture in the vacuum state.

Features:

- ✓ CFC-free refrigeration
- ✓ LCD display drying curves, English language interface
- ✓ Large condenser opening, condenser with pre-freezing function
- ✓ Low noise compressor, good efficiency, long service life
- ✓ Condenser and operation panel are all made of stainless steel
- ✓ Drying chamber with organic glass is safe and visible
- ✓ Shelf and tray are made of stainless steel, the space between trays can be customized
- ✓ Small volume, easy and convenient operation
- ✓ Nitrogen valve is optional
- ✓ Eutectic point test device is optional
- ✓ Communication interface is optional
- ✓ Cascade cooling is optional, applied for -80 °C devices.



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Technical Description:

Model	YR05189
Freeze drying area	0.08m2
Condenser capacity	3-4 L /24h
Condenser temperature	-55°C (-80 °C optional)
Vacuum degree	< 10 Pa
Material tray	∅180mm, 3 layers
Bulk capacity	0.8 L, 10mm thickness
Vial capacity ∅12mm	560 pcs
Vial capacity ∅16mm	285 pcs
Vial capacity ∅22mm	165 pcs
Style of press	By hand
Manifold	with 8 ports
Flask	1000ml, 500ml, 250ml, 100ml
Cooling	Air, draughtly, ambient temperature ≤25°C
Voltage	220V ,50 Hz; 110V, 50Hz; 110V, 60Hz
Power	700W
Host dimension	460*625*(370+465) mm
Host weight	41 kg



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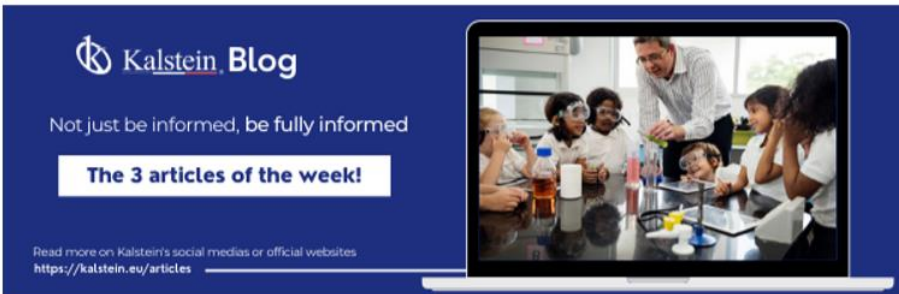
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