High Performance Laboratory Freeze Dryer

Item Number: KTFD-10P

Introduction

Advanced lab freeze dryer for lyophilization, preserving biological & chemical samples efficiently. Ideal for biopharma, food, and research.

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Parameter	Value
Cold Trap Temperature	≤ -60 °C
Ultimate Vacuum	< 10 Pa
Vacuum Display Accuracy	0.01 Pa
Freeze-Drying Area (Shelves)	0.12 - 0.18 m²
Material Load (on shelves)	1200 - 1800 ml
Water Capture Capacity	3 kg / 24h
Material Tray Specifications (Φ×H)	200 × 20 mm
Number of Material Tray Layers	Standard 4 layers, Optional 6 layers
External Flask Capacity (Manifold)	8 flasks
Flask Style Options	Aubergine-shaped or Cylindrical
Overall Dimensions (W×D×H)	580 × 550 × 820 mm (Benchtop unit with drying chamber and manifold)
Cold Trap Dimensions (Φ×H)	Φ 215 × 193.5 mm
Design	Benchtop, Manifold General Type Freeze Dryer