



Hybridization Oven

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Darsun Scientific Hybridization Oven

DS-HYB0230



Product Overview

The HYB0230 Hybridization Oven is designed for modern laboratory applications involving mixing and hybridization. It can replace conventional plastic bags and water-bath shakers, helping reduce contamination risks from broken bags. The system uses **microprocessor control and hot-air convection technology** for precise temperature control and a stable temperature environment.

Product Feature

1. Hot-air constant-temperature convection technology for accurate and uniform temperature distribution.
2. Real-time temperature display with a corrosion-resistant design.
3. Memory storage for **50 sets of data** with segment-programming combination functionality.
4. Temperature monitoring with curve waveform display for real-time temperature status.
5. Hybridization tube rotation and mixing for convenient loading and unloading.
6. Simple calibration and auto-tuning function.
7. Touchscreen display for easy operation.
8. Bottom shaking/vibration function.
9. Double-glass door design to reduce radiation.
10. Stainless-steel chamber.
11. Fast heating through optimized internal air circulation.

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Hybridization oven



Technical Parameters

Parameter	Specification
Model	DS-HYB0230
Temperature Range	RT +7°C to 99.9°C
Rotor Capacity	6 Bottles
Bottle Size	Ø35 × 240 mm
Speed Range	0–50 rpm
Controller Type	Microprocessor
Inner Chamber	SS 304
View Window	Yes
Brand	Labman
Capacity	30L
Temperature Accuracy	±0.5°C
Input Power Supply	220 V, 50 Hz
Temperature Uniformity	±0.03°C
Temperature Resolution	0.1°C
Temperature Equilibrium Time	<20 min (37°C)
Display	7-inch TFT true-color touchscreen
Automatic Forward & Reverse Switching	Yes
Shaking Function	Yes
Bottom Vibration Base	Yes
Bottom Base Vibration Intensity	0–99 adjustable
Timer	Yes
Hybridization Tube Rotation	Yes
Inching Mode	Yes
Combined Programming Mode	5 groups
Data Storage	50 groups
Max. Hybridization Tube Facility	6 pcs
Standard Hybridization Tube Quantity	3 pcs
Power	<800 W
Instrument Size (L × W × H)	540 × 370 × 330 mm
Packaging Dimensions (L × W × H)	610 × 440 × 440 mm
Gross Weight	25 kg