

HYBRIDIZATION OVEN



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Hybridization Oven is widely used in hospital and R & D institution. It adopts modular design and is simple structure, practical and reliable novel in appearance. The temperature control system adopts intelligent digital controller that makes temperature control accurately. Hybridization Oven is simple in operation, can implement automatic control of temperature in the whole process including baking film, prehybridization, hybridization, washing film and can be effectively used in the research of nucleic acid molecular hybridization technology.

Used in Molecular Biology Assays, Southern (DNA) Hybridization, Northern (RNA) Hybridization, Western Blot, Laboratory.

Also known as Hybridization Incubator.

OVE31 HYBRIDIZATION OVEN

Microcomputer controller provides precise temperature control

Rapid increase of temperature

Pipe rotation

Hybrid tube easy loading and unloading

Internal use of anti-corrosion, mirror stainless steel materials

Double glass door design, effectively prevent radiation

Can shake at the bottom of the base, multi-usage

Less chance than oscillating water pollution

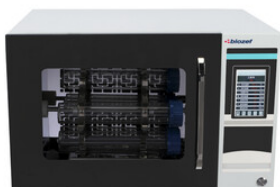
Sealing high



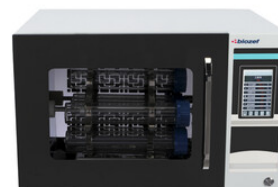
SPECIFICATIONS

Model	OVE31-30	OVE31-30V
Temperature Range	Ambient Temp +5°C-8°C	
Temperature Accuracy	±0.5°C	
Temperature Uniformity	±0.03	
Time for Heating	≤6 min (20°C to 56°C)	≤6 min (20°C to 57°C)
Timer Range	1 sec~999 sec or 1 min~999 min	1 min-99h 59 min
Display Accuracy	0.1°C	-
Display Resolution	0.1°C	
Temperature Equilibrium Time	<20min	
Rotation Speed	0-30 rpm, adjustable	
Continuous Working Time	1-1440 min (24 hours)	
Continuous work often open function	Yes (let 0 be always open)	
Hybrid Tube Size	35x240 mm	
Shake Up Function	Yes	
Storage Data	50 groups	
Interactive Interface	4.3 inch color touch screen	
Voltage	220 VAC,50 Hz	
Fuzzy PID control algorithm, automatic calculus, temperature control accuracy	Yes	

Power	<800 W	
Temperature Resolution	-	0.1°C
Overall Dimension (WxDxH)	-	530 × 410 × 180 mm
Vibration Intensity	-	1-10 gears, adjustable
Noise Level	-	≤55 db
Weight	-	11.5 kg
Power Supply	-	AC100-240 V



OVE31-30



OVE31-30V



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