

Hybridization Oven

HD1000



Description:

- ◆ HD1000 Hybridization Oven is equipped with step motor and PID intelligent temperature control technology. Its PID fuzzy control technology can ensure temperature control accuracy and automatically adjust the heating rate to save waiting time. It is widely used in the screening of cloned genes, the production of enzyme cutting maps, the qualitative and quantitative detection of specific gene sequences in genome, and the diagnosis of diseases.

Features:

- ◆ Colorful LCD display is more intuitive. It is easy to setup and use.
- ◆ Excellent temperature accuracy and uniformity.
- ◆ Step motor: noiseless, less interference and maintenance-free.
- ◆ It has a glass door for observing samples during processing.
- ◆ Interior surfaces are of stainless steel for high durability and low maintenance.
- ◆ It can hold different kinds of holder and platform.
- ◆ An alarm voice sounds automatically at the end of the run.
- ◆ Built-in temperature calibration function.
- ◆ Built-in over-heating protection device, safe and reliable.

Parameters:

Project	Parameters
Temp. setting range	0°C~100°C
Timing range	1min~99h59min/∞
Display accuracy	0.1°C
Temp. uniformity(inside bottles)	≤±0.1°C@37°C
Max. load	5kg
Auto preheating	Yes
Auto resume to run	Yes
Voltage	AC100-240V/50-60Hz
Interior Dimension(mm)	267x326x273
Overall Dimension(mm)	428x400x470

Project	Parameters
Temp. control range	RT.+5°C~100°C
Temp. accuracy	≤±0.3°C@37°C
Temp. uniformity(inside oven)	≤±0.3°C@37°C
Speed range	5~30rpm
Program number	99programs
Auto constant temp. at the end of run	Yes
Power	1000W
Fuse	250V 3A Φ5×20
Weight(kg)	25

Holders and platform:

Name	Model	Description	Remark
Hybridization bottle holder	HD1000-T1	10pcs 35x300mm bottles or 20pcs 35x150mm bottles	Standard
Centrifuge tube holder	HD1000-T2	22tubes of 1.5ml/2.0ml(one plate) 8tubes of 10ml/15ml(one plate) 6tubes of 50ml(one plate)	Optional, holder holds 4plates
Rocking platform	HD1000-T3	Platform dimension: 270x215mm	Optional

