

Hybridization Oven - HYBRIDIZER

Description

HYBRIDIZER oven is suitable for different bottle sizes, arrangements and positions to meet a variety of mixing requirements.

The oven provides uniform temperature and rotation controls for thorough mixing of materials.

A precise microprocessor rotation speed and variable speed settings enable uniform sample saturation.

Stainless steel internal construction ensures a clean environment. The rotating wheel can be removed and replaced with a rocker tray or a rocker plate to create a rocking motion and accommodate different types of bottles.

The rotary wheel can be removed and replaced with a rocker tray or rocker plate to create a rocking motion and to accommodate various types of flasks. The removable protective trays allow for easy cleanup of spilled media.

HYBRIDIZER has a removable rotisserie, which can be replaced by a rocking platform or an orbital shaker. This special additional option makes it possible to carry out all types of hybridization protocols economically and space-savingsly in a single device.

Specifications

- Carousel for multiple bottle sizes and off-set bottle positioning
- Variable rotor speed 10 – 15 rpm
- Microprocessor controlled incubation temperature
- LED display for easy operation
- Easy-to-clean stainless steel interior
- Removable protective tray for easy cleaning of spilled media
- Glass door for easy viewing of samples and blocking of β -emission from the hybridization chamber



HYBRIDIZER oven

Applications

- Southern, Northern and Western blots
- In situ hybridization
- Binding nucleic acids to nitrocellulose or nylon-reinforced transfer membranes or other media

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Technical Data

Order No. HYBRIDIZER	104.1600
Number of hybridization chambers	1
Min. temperature	10°C above room temperature
Max. temperature	99.9°C
Temperature accuracy	±0.3°C to 68°C
Temperature uniformity	±0.1°C to 68°C
Rotor speed	10 – 15 rpm
Max. capacity bottle size (35 x 300 mm)	10 pieces
Max. capacity bottle size (35 x 100 mm or 35 x 150 mm)	20 pieces
Rocker/orbital tray	optional
Dimensions exterior (W x D x H)	400 x 380 x 450 mm
Dimensions chamber	356 x 273 x 273 mm
Weight	19.5 kg
Nominal operating voltage	230 V, 50/60 Hz
Power consumption	max. 1.210 W

Accessories

Rocker Tray

Rotation speed: 7–14 rpm
Angle: 12°



Orbital Tray

Rotation speed: 30 rpm
Angle: 2°



Bottles

Two bottle sizes are available:
35 x 150 mm and
35 x 300 mm

