

# HYBRIDIZATION OVENS

Hybridization ovens are rapidly replacing hybridization bags and water baths for procedures involved in Southern, Northern and in situ hybridization. UVP's hybridization ovens provide accurate temperature and rotation speed controls plus variable bottle sizes and offset bottle positioning.

The dynamic mixing capability is ideal for creating the optimum conditions needed for cDNA library screenings, primer synthesis and nucleic acid hybridization. The interior stainless steel construction is easy to clean. The range of models is designed to meet user or laboratory budgets.

**Precision heated and multifunctional hybridization ovens**

## HB-1000 Hybridizer

The **HB-1000** Hybridizer Hybridization Oven provides uniform temperature and rotation controls for thorough mixing of materials.



**HB-1000 Hybridizer** Hybridization oven features fast heat-up capability. Units are stackable for maximizing laboratory workspace.

- Variable speed control (10 to 15 rpm) of the rotary wheel enables consistent saturation of samples for washing or hybridizing
- Large LED displays the current temperature inside the chamber
- Protective tray is removable to allow easy cleanup of spilled media
- RPM knob adjusts speed control of the rotary wheel for easy removal of samples
- Rotary wheel can hold twenty 35 x 150mm, ten 35 x 300mm bottles or combination
- Rotary wheel design enables off-set bottle positioning for thorough mixing
- Rotary wheel can be removed and replaced with rocker plate (stainless steel 12.5W x 10D in.)

### HB-1000 Dimensions:

17.5W x 16H x 15D in. (445 x 406 x 381mm)

## HL-2000 HybriLinker™

The **HL-2000** HybriLinker™ Hybridization Oven combines a Hybridization oven and UV Crosslinker (254nm UV) in one unit. The Hybridization Oven and Crosslinker operate independently.

**HL-2000 HybriLinker** Hybridization oven and UV Crosslinker in one unit. The oven has the same features as the HB-1000.

### HL-2000 Dimensions:

17.5W x 24H x 15D in.  
(445 x 610 x 381mm)

### Upper chamber:

- Variable speed control
- Large LED display
- Stainless steel internal construction



### Lower chamber (crosslinker - see additional details p. 23):

- Shortwave 254nm, 8-watt, ultraviolet tubes
- Preset and manual controls for ultraviolet or time exposures
- Microprocessor measures and controls UV output, ensuring maximum energy efficiency
- Large LED display continuously displays time or energy settings
- Window on the door allows viewing of the process yet blocks UV radiation

## Ordering Information

<b>HL-2000 HybriLinker</b>	95-0031-01 (115V)
Hybridization Oven/Crosslinker	95-0031-02 (230V)
<b>Upper Chamber Oven:</b>	
Temperature Range:	Ambient 10°C to 99.9°C
Heating Element:	1250 Watts
Rotary Wheel Variable Speed:	10 to 15 rpm
Bottle Capacity:	Twenty 35 x 150mm Ten 35 x 300mm

<b>Lower Chamber Crosslinker:</b>	
UV Light Source:	254nm UV

<b>HB-1000 Hybridizer</b>	95-0030-01 (115V)
Hybridization Oven	95-0030-02 (230V)
Temperature Range:	Ambient 10°C to 99.9°C
Heating Element:	1250 Watts
Rotary Wheel Variable Speed:	10 to 15 rpm
Bottle Capacity:	Twenty 35 x 150mm Ten 35 x 300mm

<b>Rocker Tray</b> (for HL-2000, HB-1000, HM-4000)	98-0067-03
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For additional hybridization oven accessories, refer to page 25.