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)

盛慶企業有限公司 SHENG-CING INSTRUMENTS CO.,LTD

HL-2000 HybriLinker™

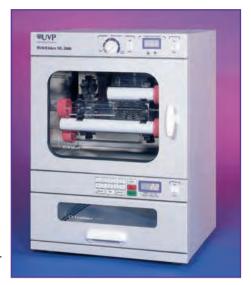
The **HL-2000** HybriLinker[™] Hybridization Oven combines a Hybridization oven *and* UV Crosslinker (254nm UV) in one unit. The Hybridization Oven and Crosslinker operate independently.

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 HL-2000 HybriLinker

Hybridization Oven/Crosslinker

Upper Chamber Oven: Temperature Range:

Heating Element: Rotary Wheel Variable Speed:

Bottle Capacity:

Lower Chamber Crosslinker:

UV Light Source:

HB-1000 Hybridizer
Hybridization Oven
Temperature Range:

Heating Element: Rotary Wheel Variable Speed: Bottle Capacity: 95-0030-01 (115V) 95-0030-02 (230V) Ambient 10°C to 99.9°C 1250 Watts

10 to 15 rpm Twenty 35 x 150mm Ten 35 x 300mm

95-0031-01 (115V) 95-0031-02 (230V)

1250 Watts

254nm UV

10 to 15 rpm

Ambient 10°C to 99.9°C

Twenty 35 x 150mm

Ten 35 x 300mm

Rocker Tray (for HL-2000, HB-1000, HM-4000)

98-0067-03

For additional hybridization oven accessories, refer to page 25.

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