

# Hybridization Ovens

Analytik Jena’s hybridization ovens provide accurate temperature and rotation speed controls plus variable bottle sizes and offset bottle positioning.

## UVP Hybridizer

The UVP Hybridizer Hybridization Oven provides uniform temperature and rotation controls for thorough mixing of materials. This oven features fast heat-up capability. Units are stackable for maximizing lab space.



- Variable rotary wheel speed control (10 to 15 rpm) enables consistent saturation of samples
- Microprocessor accurately controls temperature
- Large LCD displays the current temperature inside the chamber
- Protective trays are removable to allow easy cleanup of spilled media
- RPM knob adjusts speed control of the rotary wheel
- Carousel holds twenty 35 x 150 mm bottles, ten 35 x 300 mm bottles or combination
- Offset bottle positioning for thorough mixing
- Carousel is removeable for use of the optional rocker tray (stainless steel 12.5W x 10D in.)

Order Number		Description
115 V	230 V	UVP Hybridization Oven
95-0030-01	95-0030-02	UVP Hybridizer - 17.5W x 16H x 15D in. (445 x 406 x 381 mm), 50 lbs. Heating Element: 1250 Watts, Rotary Wheel Variable Speed: 10 to 15 rpm, Bottle Included: One 35 x 300 mm Bottle Capacity: Twenty 35 x 150 mm, Ten 35 x 300 mm

### Upper Chamber - Hybridization Oven

- Same features as UVP Hybridizer
- Variable speed control
- Large LCD display
- Stainless steel internal design

### Lower Chamber - UV Crosslinker

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

## UVP HybriLinker

The UVP HybriLinker Hybridization Oven combines a UVP Hybridization oven and UV Crosslinker (254 nm UV) in one unit. Each piece operates independently. The oven has the same features as the UVP Hybridizer.



## UVP Multidizer

The UVP Multidizer Hybridization Oven is designed with two separate chambers offering several motion functions: shaking, orbital rocking and rotating all in one unit. Two chambers operate independently and allow hybridization and blotting procedures requiring different containers, motions or temperature settings.

### Upper Chamber - Hybridization Oven

- Uses a roller action to operate the shaker tray (included) or optional acrylic carousel or orbital tray
- Shaker tray is designed for placement of flasks or other containers

### Lower Chamber - UV Crosslinker

- Same features as UVP Hybridizer
- Multiple bottle sizes and offset bottle positioning



### UVP Hybridizer and UVP Multidizer Temperature Settings:

Temperature: Ambient +10°C to 99.9°C

Temperature Stability: Inside Oven: +0.3°C to 68°C

Inside Bottles: +0.1°C to 68°C

Temperature Uniformity: Inside Oven: +0.1°C to 68°C

Inside Bottles: +0.1°C to 68°C

Order Number		Description
115 V	230 V	UVP Hybridization Ovens and Accessories
95-0031-01	95-0031-02	UVP Hybrilinker - 17.5W x 24H x 15D in. (445 x 610 x 381 mm), 70 lbs. <b>Upper Chamber</b> Heating Element: 1250 Watts, Rotary Wheel Variable Speed: 10 to 15 rpm, Bottle Included: One 35 x 300 mm Bottle Capacity: Twenty 35 x 150 mm, Ten 35 x 300 mm <b>Lower Chamber</b> UV Light Source: 254 nm UV
95-0340-01	95-0340-02	UVP Multidizer - 17.5W x 28.5H x 15D in. (445 x 725 x 381 mm), 75 lbs. <b>Upper Chamber</b> Heating Element: 500 Watts, Shaker Tray Dimension: 10W x 6D in. (254 x 152 mm), Shaker Tray Speed: 54 - 106 cycles/min., Carousel Rotation: 12 - 20 rpm <b>Lower Chamber</b> Heating Element: 1250 Watts, Rotary Wheel Variable Speed: 10 to 15 rpm, Bottle Included: One 35 x 300 mm Bottle Capacity: Twenty 35 x 150 mm, Ten 35 x 300 mm
	07-0194-01	Bottle, small, 35 x 150 mm
	07-0194-02	Bottle, large, 35 x 300 mm
	98-0067-03	Rocker Tray (Hybridizer, Hybrilinker, Multidizer) Tray moves at 7 cycles/min and up to 14 cycles/min on the highest speed
	98-0067-04	Orbital Tray (Hybridizer, Hybrilinker, Multidizer) Dimensions: 10.3W x 8D in. (318 x 254 mm) Motion: 30 rpm at 2° angle
	76-0089-01	Carousel, Acrylic (Hybridizer, Hybrilinker, Multidizer) Carousel holds up to Eight 35 x 150 mm; Four 35 x 300 mm bottles or Eight 50ml conicals
	76-0075-01	Carousel, Metal (Hybridizer, Hybrilinker, Multidizer) fits Ten 50 ml conicals, replaces rotary wheel
	76-0066-02	Carousel Kit for oversized bottles