

Hybex® Microarray Incubation System¹



Hybex heating base with microarray chambers and slide racks.

Complete system for incubating and washing microarrays. Comprised of a heating base with two humidified chambers that hold removable racks for incubating up to 16 slides. After incubation, racks are removed from the chambers for manual slide washing or transferred to the Little Dipper Processor for automated washing and drying. A waterbath insert is also available for heating wash buffers or other applications.

For Research Use Only

- Slides remain in racks for entire workflow (incubation, coverslip removal, washing/drying)
- Protects arrays from damage caused by post-hybridization handling
- Regulates hybridization temperatures to $\pm 0.1^{\circ}\text{C}$
- Blocks available for 0.2 PCR, 0.6 and 1.5 ml tubes
- Seamlessly integrates with Little Dipper for automated washing and drying
- Specified by BlueGnome for 24Sure BAC Arrays
- Simple temperature calibration and validation

PRODUCT	CATALOG #
Hybex Microarray Incubation System, 115V.*	1057-36-1
Hybex Microarray Incubation System, 230V.*	1057-36-2
*The Hybex heating base requires microarray chambers, tube block or waterbath insert, for operation.	
BLOCKS AND INSERTS	CATALOG #
Hybex 0.2 ml tube block. Holds 96 x PCR tubes or plate	1057-31-0
Hybex 0.6 ml tube block. Holds 60 x 0.6 ml tubes	1057-32-0
Hybex 1.5 ml tube block. Holds 32 x 1.5 ml tubes	1057-34-0
Hybex Flat bottom heat block. Holds a microplate.	1057-39-0
Hybex Waterbath Insert, 625 ml	1057-35-0
Hybex Microarray Incubation Chamber Kit. Includes two chambers, slide racks and handles.	1057-38-0
Digital Thermometer with NIST certificate.	1051-52-0

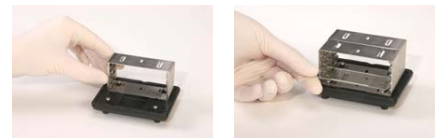
SPECIFICATION	DESCRIPTION
Equipment Included	Hybex heating base, two microarray chambers, slide racks and handles.
Electrical	
Cat # 1057-36-1	115V AC, 50/60Hz, 3A
Cat # 1057-36-2	230V AC, 50/60Hz, 1.6A
Dimensions (HxWxD)	10 x 6 x 12 inches (21 x 15 x 30 cm)
Instrument Weight	6 lbs (3 kg) net
Performance and Controls	
Temperature Range	ambient +5.0°C to 99.0°C
Temperature Regulation	$\pm 0.1^{\circ}\text{C}$ from set point

RELATED PRODUCT	DESCRIPTION
Little Dipper Processor	Automates washing and drying of microarrays
NoZone WS Workspace	Ozone-safe enclosure for manual sample prep or microarray processing
NoZone GP Workspace	Ozone control for small microarray equipment
Hybex System for Affymetrix	Processing Affymetrix QuantiGeneView assays
Hybex System for Illumina	Sample incubation for Illumina BeadChips

PUB #	PUBLICATIONS	TYPE
502	Hybex Microarray Incubation System User Manual	Manual
411	Hybex Microarray Chamber User Guide	Support Document
208	Temperature Calibration for Hybex	Support Document

¹ Patent pending.

Using Hybex Chambers



Place rack on base

Add arrays to rack



Secure top cover

Place in incubator

Optional Waterbath Insert



Use to heat buffers for washing arrays

Related Products



Little Dipper® Processor



NoZone® WS Workspace

