

Little Dipper® Processor for Self Spotted Arrays



Little Dipper Processor with accessories.

Automates post-hybridization processing of self spotted microarrays on glass slides. Controls wash time, agitation, buffer temperatures and drying using an integrated centrifuge. Batches of 1 to 24 slides are processed following operator-specified programs with the handheld touch screen. Ready for use with Agilent, OGT, BlueGnome or Illumina microarrays or for pre-and post hybridization processing of FISH slides with additional accessories.

For Research Use Only

- Eliminates wash artifacts and run-to-run variability
- Produces slides with high signals and low, uniform backgrounds
- “Load and go” walk-away automation
- Simple temperature validation for CLIA certification
- Use with NoZone Workspace for ozone protection
- Use with Hybex Microarray System for a complete hybridization solution

PRODUCT	CATALOG #
Little Dipper Processor for Self Spotted Arrays, 115V.	1080-50-1
Little Dipper Processor for Self Spotted Arrays, 230V.	1080-50-2
ACCESSORIES	CATALOG #
Bath, Standard (670 ml).	1080-10-1
Bath, Low Volume, Non Heatable (210 ml).	1080-10-2
Bath, Low Volume, Heatable (275 ml).	1080-10-5
Bath Cover.	1080-12-0
Bath Cover Set.	1080-12-1
Slide Rack, 12-Position for standard 3 inch slides.	1080-20-1
Slide Rack, 24-Position for standard 3 inch slides.	1080-20-5
Absorbent Pads for 12-Position Rack Buckets.	1080-21-1
Absorbent Pads for 24-Position and Hybex Rack Buckets.	1080-21-0
Spacer for Rack Bucket, 2/pk. Fits Hybex and 24-Position racks.	1080-22-3
Spacer for Rack Bucket, 2/pk. Fits 12-Position racks.	1080-23-3
Digital Thermometer with NIST certificate.	1051-52-0
24 Slide Rack Kit — Requires standard baths (670 ml) for operation.	1080-25-0

SPECIFICATION	DESCRIPTION
Baths and Racks Included	5x Bath, Standard (670 ml) 2x Slide Rack, 12-Position 2x Slide Rack, 24-Position 2x Slide Rack, Hybex 4-Position
Electrical Cat # 1080-50-1 Cat # 1080-50-2	115V AC, 50/60 Hz, 1700 W 230V AC, 50/60 Hz; 1700 W
Dimensions (HxWxD)	20 x 28 x 22 inches (51 x 71 x 56 cm)
Instrument Weight	47 lbs (21 kg) net
Performance and Controls	Temperature Range Ambient +5° C to 95° C Temperature Regulation ± 0.5° C from set point Agitation Speed 0 to 600 relative units Agitation Stroke Length User selectable, standard (9.5 mm) or long (29.5 mm) Centrifuge RPM / Force 690 RPM / 50 g

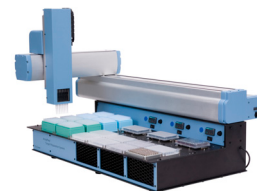
RELATED PRODUCT	DESCRIPTION
ThermoPrep Workstation	Automated DNA normalization, labeling and array loading
NoZone WS Workspace	Ozone control for Little Dipper Processor
Mai Tai Hybridization System	Microarray hybridization system with rotating oven, rotator and hybridization cassette
Hybex Microarray Incubation System	Compact system for incubating and washing up to 16 microarrays.

PUB #	PUBLICATIONS	TYPE
504	Little Dipper User Manual	Manual
104	Post-Hybridization Processing of Spotted Oligo Arrays	Method
113	Bath Temperature Validation Methods for CLIA-Regulated Laboratories	Support Document
421	Little Dipper Periodic Cleaning and Maintenance	Support Document

Multiple Platforms



Related Products



ThermoPrep® Workstation



NoZone® WS Workspace with Little Dipper Processor inside



Mai Tai® Hybridization System

