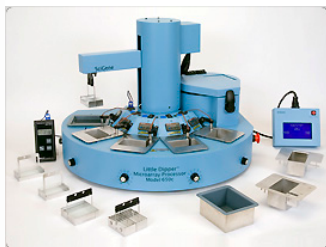


Little Dipper® Processor for Agilent Arrays

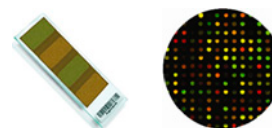


Little Dipper Processor with accessories.

Automates post-hybridization processing of Agilent, OGT and BlueGnome oligo microarrays. Controls wash time, agitation, buffer temperatures and drying using an integrated centrifuge. Batches of 1 to 24 slides are processed following manufacturer recommended conditions. Comes with pre-loaded protocols for aCGH, gene expression, miRNA and ChIP-chip applications. Ready for use with Illumina or Roche NimbleGen microarrays or for pre-and post hybridization processing of FISH slides with additional accessories.

For Research Use Only

- Eliminates wash artifacts / reduces re-test costs
- Produces slides with high signals and low, uniform backgrounds
- “Load and go” walk-away automation
- Use with NoZone Workspace for ozone protection
- Simple temperature validation for CLIA certification



Success Story



“We found that the **Little Dipper Processor** reduced variability between arrays and lowered our labor costs, which allowed us to discontinue all manual washing of microarrays.

Our technicians love the machine’s walk-away automation, which improves their ability to multi-task and be more efficient. In addition, and more importantly, the instrument eliminates variability between technologists that can result from differences in technique or experience.

We also use the NoZone Workspace in conjunction with the Little Dipper which allows us to protect our arrays from the harmful effects of ozone.”

- **Christa Lese Martin, PhD**, Associate Professor and Operations Director, Emory Genetics Laboratory

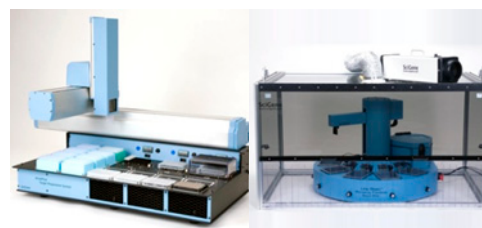
PRODUCT	CATALOG #
Little Dipper Processor for Agilent, 115V.	1080-40-1
Little Dipper Processor for Agilent, 230V.	1080-40-2
ACCESSORIES	CATALOG #
Bath, Standard (670 ml).	1080-10-1
Bath, Low Volume, Non Heatable (210 ml).	1080-10-2
Bath, Low Volume, Heatable (275 ml).	1080-10-5
Bath Cover.	1080-12-0
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. Includes two 24-position slide racks, centrifuge buckets (red/green), spacers and absorbent pads.* (*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 for standard 3 inch slides.
Electrical	Cat # 1080-40-1 115V AC, 50/60Hz, 1700 W Cat # 1080-40-2 230V AC, 50/60 Hz; 1700 W
Dimensions (HxWxD)	20 x 28 x 22 inches (51x 71 x 56 cm)
Instrument Weight	47 lbs (21 kg) net
Performance and Controls	Temperature Range Ambient +5° C to 90° 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 Protocol Storage Up to 14 protocols, 1 to 9 steps each

RELATED PRODUCT	DESCRIPTION
ArrayPrep Target Preparation System	Automated labeling and purification of DNA targets
Mai Tai Hybridization System	Hybridization of Agilent Arrays using Mai Tai Cassettes (4 up)
NoZone WS Workspace	Ozone control for Little Dipper Processor
NoZone TL Workspace	Ozone control for Agilent Microarray Scanner
NoZone GP Workspace	Ozone control for GenePix Scanner
Model 777 Microarray Oven	Hybridization of Agilent Arrays w Mai Tai Cassettes or SureHyb Chambers
Model 700 Microarray Oven	Hybridization of Agilent Arrays using SureHyb Chambers

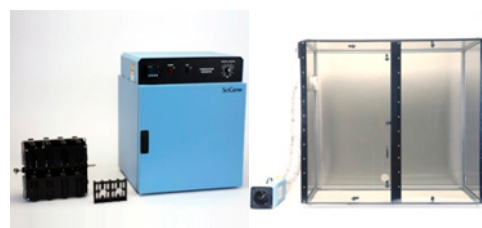
PUB #	PUBLICATIONS	TYPE
504	Little Dipper User Manual	Manual
103	Agilent aCGH, Gene Expression, ChIP-chip and miRNA Arrays	Method
113	Bath Temperature Validation Methods for CLIA-Regulated Laboratories	Support Document
421	Little Dipper Periodic Cleaning and Maintenance	Support Document

Related Products



ArrayPrep® System

Little Dipper inside NoZone® Workspace



Mai Tai® System

NoZone® TL Workspace

