

# Mai Tai® Hybridization System <sup>1</sup>



M700 System shown with oven, rotator and cassette

Complete microarray hybridization system consisting of rotating oven, rotator and hybridization cassette. Unique convection heating system regulates chamber to  $\pm 0.2^{\circ}\text{C}$ ; eliminating hot/cold spots. The Model 700 Oven rotates up to 20 RPM for Agilent Arrays and the Model 777 rotates up to 80 RPM for special applications. An internal rotator holds up to eight Mai Tai cassettes (32 arrays) for rotational mixing during incubation.

For Research Use Only

### Mai Tai Cassette:

- Two piece design reduces handling errors
- Replaces 4x Agilent SureHyb chambers
- Priced 40% less than 4x SureHyb chambers
- Automation compatible—microplate footprint

### Microarray Oven:

- Temperature controlled to  $\pm 0.2^{\circ}\text{C}$  with no hot/cold spots
- Heats to  $99.0^{\circ}\text{C}$  for Agilent SureSelect and other special applications
- Adjustable rotation to 20 RPM or to 80 RPM
- Jog switch adjusts rotator position for easy cassette loading
- Rotator drops in and lifts out without tools
- Simple temperature calibration for CLIA

| SYSTEMS  | CATALOG # |
|--|-----------|
| Mai Tai M700 System, 115V.* — rotates up to 20 RPM.        | 1075-00-7 |
| Mai Tai M700 System, 230V.* — rotates up to 20 RPM.        | 1075-00-8 |
| Mai Tai M777 System, 115V.* — rotates up to <b>80</b> RPM. | 1075-00-5 |
| Mai Tai M777 System, 230V.* — rotates up to <b>80</b> RPM. | 1075-00-6 |

\*System includes oven, rotator and one hybridization cassette.

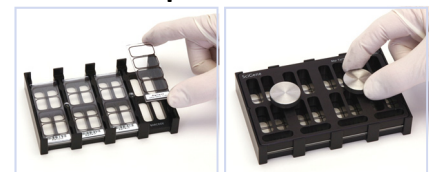
| ACCESSORIES  | CATALOG # |
|--|-----------|
| Mai Tai Hybridization Cassette. Holds 4 Agilent Arrays.  | 1075-10-0 |
| Mai Tai Rotator for SciGene Model 700 and 777 Ovens.     | 1075-20-0 |
| Mai Tai Rotator for the Agilent DNA Microarray Oven.     | 1075-20-1 |
| Rotator for 20 Agilent SureHyb or Original Hyb Chambers. | 1070-20-0 |
| Wash Buffer 1 for Agilent CGH Arrays.                    | 5188-5221 |
| Wash Buffer 2 for Agilent CGH Arrays.                    | 5188-5222 |
| Digital Thermometer with cable and NIST certificate.     | 1051-52-0 |

| SPECIFICATION                   | DESCRIPTION   |
|---------------------------------|---|
| <b>Mai Tai System Includes</b>  | Rotating oven, internal rotator and one cassette.   |
| <b>Electrical</b>               |   |
| 1075-00-5; 1075-00-7            | 115V AC, 50/60Hz, 6A  |
| 1075-00-6; 1075-00-8            | 230V AC, 50/60Hz, 3A  |
| <b>Dimensions (HxWxD)</b>       | Outside 22 x 18 x 17 inches (55 x 45 x 42 cm)<br>Inside 13 x 14 x 14 inches (33 x 35 x 35 cm) |
| <b>Oven Weight</b>              | 69 lbs (32 kg) net  |
| <b>Performance and Controls</b> |   |
| Temperature Range               | ambient $+5.0^{\circ}\text{C}$ to $99.0^{\circ}\text{C}$                                      |
| Temperature Regulation          | $\pm 0.1^{\circ}\text{C}$ from set point  |
| Rotation Speed                  | to 20 RPM (Model 700) or 80 RPM (Model 777)   |

| PUB # | PUBLICATIONS                             | TYPE             |
|-------|--|------------------|
| 505   | Mai Tai Hybridization System User Manual | Manual           |
| 406   | Using Mai Tai Hybridization Cassettes    | Method           |
| 205   | Calibrating Oven Temperature (EZ-Zone)   | Support Document |

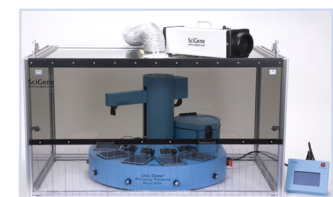
<sup>1</sup> Patent pending.

### Simple Cassette



Two piece Mai Tai Cassette holds 1 to 4 Agilent Arrays

### Related Products



Little Dipper inside NoZone® WS Workspace



SciGene Wash Buffers for CGH Arrays

