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Find the *Affymetrix 640* at our website: ***Click HERE***

AFFYMETRIX®

Data Sheet

GeneChip® Hybridization Oven 640

The GeneChip® Hybridization Oven 640 automates your hybridization process for GeneChip brand probe arrays. The oven provides precise temperature control to ensure successful hybridization, and cartridge rotation to provide continuous mixing. Up to 64 arrays can be processed at one time. The digital speed control display provides you with the option of selecting specific rotation speeds and to visually monitor the speed during the cycle.

Expanded Array Capacity

The oven holds up to eight probe array cartridge carriers, each carrier will hold eight arrays, allowing you to process as many as 64 arrays at one time.

Improved Temperature Performance

Precise temperature control is delivered as the cartridges are rotated to ensure consistent performance across your experiments.

Removable Array Carriers

The removable cartridge carrier allows you to add or remove sets of cartridges without interrupting the entire cycle and to easily transfer the cartridges to other GeneChip instruments. The carriers are color-coded for convenience.

Digital Speed Control Display

The rotation speed can be selected and visually monitored during operation with the easy-to-read digital speed control display, allowing you to optimize your hybridizations.

System Reliability

The Hybridization Oven 640 has undergone extensive design and quality steps in order to ensure the most consistent and reliable performance. The Hybridization Oven 640 extends the Affymetrix reputation of commitment to quality.

Safety

The oven is equipped with an interlocking door for safety when operating and removing or adding cartridges during operation. The oven will automatically stop rotation when the interlock is triggered.

Dual Voltage Option

The oven is available in a 110V and 220V model, both models meet the CSA standard for North America and the LVD and EMC for the European Union.

Specifications		
Dimensions:	19"H (48cm) x 18"W (46cm) x 15"D (38cm)	
Weight:	50 pounds (22.7 kg)	
Power Requirements:	Input Voltage	90V-132V@47Hz-65Hz (110V) 190V-264V@47Hz-65Hz (220V)
	Input Power	Less than 1000 VA (110V, 220V)
Environment Requirements:	Operating Temperature Range — 15°C to 30°C Operating Humidity Range — 15% to 85% Relative Humidity	
Performance Requirements:	Carousel Rotation Speed — 0-80 RPM Oven Set Point Range — Ambient + 5°C to 70°C Oven Temperature Precision — ±0.4 °C at Calibration Set Point Oven Temperature Accuracy — ±2.0°C from display temperature over range of 30°C to 60°C	
Regulatory Requirements:	Meets CSA standards for North America Meets applicable IEC standards for safety Meets applicable directives (LVD and EMC) for the European Union CE Mark (EN 61000-4-4:EFT/B, EN 61010-1: Low voltage)	

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Ordering Information

GeneChip® Hybridization Oven 640

800138	GeneChip Hybridization Oven 640 (110V) includes 4 probe array carriers
800139	GeneChip Hybridization Oven 640 (220V) includes 4 probe array carriers
200289	GeneChip Probe Array Carriers Red (quantity 2)
200290	GeneChip Probe Array Carriers Green (quantity 2)
200291	GeneChip Probe Array Carriers Purple (quantity 2)
200292	GeneChip Probe Array Carriers White (quantity 2)

To Order

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