

Hyb-Ice® Thermal Profiling System



Hyb-Ice unit with 0.2ml PCR block.

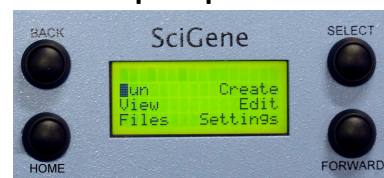
An affordable and flexible alternative to a standard thermal cycler for performing everyday temperature profiles and PCR cycling. System consists of a programmable Peltier heating/cooling base and quick-change block. Select inexpensive blocks for 0.2, 0.6, 1.5 and 2.0 ml tubes or 96 well PCR, flat-bottom and deep well plates. A non-contact heated lid regulates air temperature above the samples to control condensation. A rugged and reliable instrument for busy laboratories.

For Research Use Only

- Heats / cools samples from 4 to 99°C
- Easily change tube/plate formats with inexpensive quick-change blocks
- Perform PCR in standard or large tubes
- Non-contact heated lid controls condensation
- Excellent temperature regulation, uniformity and ramp rates
- Simple calibration ensures accurate temps
- Store and run programs on USB drive

PRODUCT		CATALOG #
Hyb-Ice Thermal Profiling System, 115/230V.*		1060-00-1
*A block is required for operation. Purchase separately.		
TUBE AND PLATE BLOCKS		CATALOG #
0.2 ml tube block for Hyb-Ice. Holds 96 tubes or plate.		1060-01-0
0.6 ml tube block for Hyb-Ice. Holds 24 tubes.		1060-02-0
1.5 ml tube block for Hyb-Ice. Holds 24 tubes.		1060-04-0
2.0 ml tube block for Hyb-Ice. Holds 24 tubes.		1060-05-0
Deep Well, 1.1 ml plate block for Hyb-Ice.		1060-06-0
Flat Bottom plate block for Hyb-Ice.		1060-07-0
Microscope slide block for Hyb-Ice. Holds 4 slides.		1060-08-0
ACCESSORIES		CATALOG #
Digital Thermometer with NIST certificate, handheld.		1051-52-0
SPECIFICATION		DESCRIPTION
Equipment Included		Hyb-Ice heating/cooling base.
Electrical	Cat # 1060-00-1	115V AC, 50/60Hz, 3A 230V AC, 50/60Hz, 1.6A
Dimensions (HxWxD)		9.25 x 9 x 12.75 inches (24 x 23 x 32 cm)
Instrument Weight		15 lbs (7 kg) net
Performance		
Block Temp Range/Regulation		4.0°C to 99.0°C ± 0.2°C from set point
Air Temp Range/Regulation		37.0°C to 99.0°C ± 2.0°C from set point
Heating/Cooling Rate		0.25°C to 0.50°C per second
Well to Well Temp Uniformity		± 0.35 °C
RELATED PRODUCT		DESCRIPTION
Hybex Microsample Incubation System		High precision tube and PCR plate heating system with heated lid
Hybex System for Affymetrix		For Affymetrix QuantiGeneView plate assays
Hybex System for Illumina		Sample incubation for Illumina next generation sequencing platform and BeadChip system
PUB #	PUBLICATIONS	TYPE
519	Hyb-Ice Thermal Profiling System User Manual	Manual

Simple Operation



Create, store and run temperature profiles and cycling programs on-board or on a USB.

Flexible Configuration



Quick-change blocks available for a variety of tubes and plates.

Condensation Control



Convection-heated lid heats air above tubes/plates.