

CAESA-LAB INC.



Amplitronyx Series Six - Gradient

If experiments require a temperature gradient or the use of multi-well plates, the Amplitronyx 6 offers the widest gradient range available and allows for tool-free swapping of four different thermal blocks. Program a 36°C-wide gradient across the 0.2 ml and 0.5 ml blocks, or increase your throughput and experimental flexibility even more with 384-well and slide blocks. The temperature of the heated lid can be adjusted to suit your protocol, and up to 200 ten-stage/step programs for touchdown and standard amplification can be stored.

Specifications

Sample Blocks	
Capacity	0.2ml Gradient Block: 96 x 0.2ml tubes or 1 x 96-well plate 0.5ml Gradient Block: 54 x 0.5ml tubes 384-well Block: 1 x 384-well plate Flat Block: 4 Slides
Temperature Range	4 - 99°C
Heated Lid	
Temperature	Auto / Adjustable
Pressure	Electro-Mechanical Pressure Adjustment
Programming	
Display/Input	5.7" - STN ¼ VGA Color Touch Screen
Program Storage	200
Maximum Protocol Stages	10
Maximum Steps per Stage	10
Gradient Capable	36° Range Activated Between 30°C - 80°C
Maximum Programmed Dwell Time	∞
Pause Function	YES
Temperature Inc/Dec (Touchdown)	YES
Cycle Auto Time Extend	YES

Auto-Restart on Power Failure	YES
Calculated time of completion	YES
Temperature Control Modes	Block; Temp Probe; Sim Tube; Sim Plate; Sim Slide
Working Conditions	
Operating Temperature	Ambient (12°C - 32°C)
Relative Humidity	≤ 80%
Power Requirements	533W at 115/230VAC +/- 10% and 50/60Hz
Physical Characteristics	
Dimensions (W x D x H)	10 x 11 x 10" (254 x 280 x 254mm)
Shipping	
Box Dimensions (W x D x H)	14 x 14 x 12.5" (356 X 356 X 318mm)
Shipping Weight	25 lbs
HTS Schedule B Code	8419.50.0000
Ordering Information	
	Description
A62	Amplitrionyx 6 Thermal Cycler with 0.2ml Block
A65	Amplitrionyx 6 Thermal Cycler with 0.5ml Block
A63	Amplitrionyx 6 Thermal Cycler with 384-well Block
A6F	Amplitrionyx 6 Thermal Cycler with Flat Block
Ordering Information - Accessories	
	Description
A6-P	Optional Printer
A6-B2	0.2ml Block
A6-B5	0.5ml Block
A6-B3	384-well Block
A6-BF	Flat Block

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Amplitronyx Series Four – Non Gradient

The Amplitronyx 4 is the most cost-effective option for a powerful, high-performance cyler. Store up to 100 seven-stage/step programs for touchdown and standard amplification in either 0.2 ml or 0.5 ml tubes.

Specifications

Sample Blocks	
Capacity	CombiBlock: 80 x 0.2ml tubes or 32 x 0.5ml tubes
Temperature Range	4 - 99°C
Heated Lid	
Temperature	Auto / Fixed
Pressure	Spring Loaded
Programming	
Display/Input	5.7" - STN ¼ VGA B/W Touch Screen
Program Storage	100
Maximum Protocol Stages	7
Maximum Steps per Stage	7
Gradient Capable	N/A
Maximum Programmed Dwell Time	∞
Pause Function	YES
Temperature Inc/Dec (Touchdown)	YES
Cycle Auto Time Extend	YES
Auto-Restart on Power Failure	YES
Calculated time of completion	YES

Temperature Control Modes	Block Sim Tube
Working Conditions	
Operating Temperature	Ambient (12°C - 32°C)
Relative Humidity	≤ 80%
Power Requirements	533W at 115/230VAC +/- 10% and 50/60Hz
Physical Characteristics	
Dimensions (W x D x H)	10 x 11 x 10" (254 x 280 x 254mm)
Weight	
Shipping	
Box Dimensions (W x D x H)	14 x 14 x 12.5" (356 X 356 X 318mm)
Shipping Weight	25 lbs
HTS Schedule B Code	8419.50.0000
Ordering Information	
	Description
A4C	Amplitrionyx 4 Thermal Cycler with Combi Block

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