

Thermal Cycler

GeneAtlas K02/K05



K for Kompakt (compact in German)

Same Specifications - Different Designs

The GeneAtlas K02/05 series models come in a compact body with a small footprint to save lab space. The model K02 is installed with a 0.2ml fixed sample holder block, while K05 with a 0.5ml fixed sample holder block. K02/K05 offer 2 program modes; PROGRAM TEMP (user-defined) and CONSTANT TEMP (pre-programmed).

5.5-inch wide LCD screen

The large LCD screen makes it easy to create or edit programs and provides a clear view of protocol runs' progresses at a glance.



Heating Block Cover

The heating block cover is interlocked with the sample block and heats sample tubes from the above, equalizing the temperature within the block which enables oil-free operations.

Storage Space Up to 75 Programs

The storage space is divided into 5 “boxes”, and each box can store 15 files. Files saved in a same box can be linked with one another.

Power Failure Protection

In the event of sudden power loss, when the power is restored, the unit will either resume its run if the change in the block temperature is less than 10°C, maintain the block temperature at 4°C to preserve the sample and display the program step at which the run was interrupted.

Thermal Cycler GeneAtlas K02/K05



Specifications

Model	K02	K05
No. of Samples	0.2ml × 32 wells (8 × 4)	0.5ml × 18 wells (6 × 3)
Temperature Control	PID control by microprocessor	
Heating/Cooling	Controlled by solid state module	
Temperature Control Range	4.0~99.9°C	
Temperature Fluctuation Range	Temp. control accuracy : ± 0.1°C among holes: ± 0.5°C or less	
Maximum Heating Rate	3.5°C/sec.	2.5°C/sec.
Maximum Cooling Rate	2.5°C/sec.	2.0°C/sec.
No. of Program Files	PROGRAMMED TEMP: Max. 75 files (15 files x 5 Boxes)	
Cover Heater Control	Constant temperature or heater off	
Display	5.5-inch wide LCD screen	
External Dimensions	W212 × D370 × H210	
Power	AC 100V - AC 120V 4.0A 50/60Hz AC 200V - AC 240V 2.0A 50/60Hz	
Weight	6.8kg	



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