

Link do produktu: <http://www.novazym.sklep.pl/b960-thermal-cycler-p-3784.html>



## B960 Thermal Cycler

Opis produktu

### B960 Thermal Cycler









#### **Reliable guarantee for the accuracy of the temperature.**

Temperature extended control mode which is closer to required experiment temperature control and is able to effectively avoid the system error caused by the disaccord of the temperature points among the instrument's display temperature, actual block temperature and the temperature required for reagents. So as to improve the accuracy of the experiment

and ensure the high efficiency, strict temperature control debugging program makes sure that each instrument can meet the needs of different experiments. 12 channel temperature probes detect simultaneously, which ensure the homogeneity of sample temperature. The hermetic-space technique can efficiently eliminate PCR marginal effect. The technique of outside temperature probe tracing the inside curve testing can effectively ensure the accuracy of sample temperature.



- Convenient and flexible module change
- Hermetic seal protects TEs from condensation, maximizing their life.
- Two-stage hot lid pressure regulator, endures good sealing performance
- Gold-plated or silver-plated module improves the efficiency of heat conduction
- Large size and color super-high-definition LCD screen.
- Intuitive and user-friendly interface, makes programming quick and easy.
- Infinitely adjustable lid knob, suitable for various types of the tube.
- Memory function in case of power-down.
- Low noise, low energy consumption, long application life.
- Heat lid could be positioned at any angle for easy sample access
- Metal material lid, more reliable and safe.
- Hard disk and mouse can be linked.
- Linked with PC for its multiple control.
- Windows operating system.
- Convenient, free-charge program upgraded.
- Remote diagnosis system for easy maintenance
- Achieve Circulation nesting.
- 110-220V international general voltage.

Model	T960	B960	K960	KF960	K640	K160
Appearance						
Block Formats	96×0.2ml(A), 54×0.5ml(B), 96×0.2ml+77×0.5ml(C), 384well(D)				64×0.2ml(A), 36×0.5ml(B)	30×0.2ml(A), 9×0.5ml(B), 16×0.2ml+9×0.5ml(C)
Temp Range	0°C~99.9°C	0°C~99.9°C	0°C~99.9°C	0°C~99.9°C	4°C~99.9°C	0°C~99.9°C
Display Interface	7"LCD	5.7"LCD	5.7"LCD	5.7"LCD	4.3"LCD	12864LCD
Max. Heating Ramp Rate	5.0°C/s	4.5°C/s	4.0°C/s	4.0°C/s	2.5°C/s	2.0°C/s
Max. Cooling Ramp Rate	5.0°C/s	4.0°C/s	3.5°C/s	3.5°C/s	2.5°C/s	2.0°C/s
Heating/Cooling adjustable rate	0.1°C/s~4.0°C/s	0.1°C/s~4.0°C/s	0.1°C/s~4.0°C/s	0.1°C/s~4.0°C/s	-	-
Uniformity	±0.2°C	±0.2°C	±0.2°C(20~75°C)	±0.2°C(20~75°C)	-	±0.3°C(20~75°C)
Accuracy	±0.1°C	±0.1°C	±0.2°C	±0.2°C	±0.2°C	±0.2°C
Gradient Temp Range	30~99°C	30~99°C	30~99°C	-	-	-
Thermal Gradient Span	1~30°C	1~30°C	2~30°C	-	-	-
Gradient Uniformity	±0.2°C(single row)	±0.2°C(single row)	±0.2°C(single row)	-	-	-
Hot Lid Temp	20~110°C	20~110°C	30~115°C	30~115°C	-	-
Temp Control Mode	Block, tube*	Block, tube*	Block, tube	Block, tube	Block	Block
Memory Capacity	2000**	1000**	200	200	9	3
Max. No. of Cycle	999	999	99	99	99	99
Communication	USB2.0/RS 232/RJ45	USB2.0/RS 232/RJ45	USB2.0/RS 232	USB2.0/RS 232	-	Serial port
Intelligent Diagnosis	108	108	-	-	-	-
Size(W×D×H, mm)	380×270×250	380×270×250	380×270×250	380×270×250	370×260×290	160×140×120
Weight(kg)	8.1	7.8	7.2	7.2	4.9	2.2