



DLAB PCR Systems

Model	T960	B960	K960	KF960	K640	K160
Appearance						
Block Formats	96×0.2ml(A),54×0.5ml(B),96×0.2ml+77×05ml(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

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DLAB Accurate 96		DLAB TC1000-G		DLAB TC1000-S	
Sample capacity	96	Sample Capacity	96X0.2mL PCR tube, 8X12 PCR plate or 96 well plate	Sample Capacity	96X0.2mL PCR tube, 8X12 PCR plate or 96 well plate
Reaction volume	10-50 μ l	Heating Temperature Range	4-105 $^{\circ}$ C	Heating Temperature Range	4-105 $^{\circ}$ C
Thermal cycle technology	Peltier	Lid Temperature Range	30-110 $^{\circ}$ C	Lid Temperature Range	30-110 $^{\circ}$ C
Max. Heating/Cooling rate	6.0 $^{\circ}$ C/s	Temperature Display Accuracy	\pm 0.1 $^{\circ}$ C	Temperature Display Accuracy	\pm 0.1 $^{\circ}$ C
Heating temperature range	4 – 100 $^{\circ}$ C	Temperature Control Accuracy [at 55 $^{\circ}$ C]	\pm 0.3 $^{\circ}$ C	Temperature Control Accuracy [at 55 $^{\circ}$ C]	\pm 0.3 $^{\circ}$ C
Temperature accuracy	\pm 0.2 $^{\circ}$ C	Temperature uniformity[at 55 $^{\circ}$ C]	<0.3 $^{\circ}$ C	Temperature uniformity[at 55 $^{\circ}$ C]	<0.3 $^{\circ}$ C
Temperature uniformity	\pm 0.2 $^{\circ}$ C @60 $^{\circ}$ C , \pm 0.3 $^{\circ}$ C @95 $^{\circ}$ C	Max. Heating/Cooling Rate	3 $^{\circ}$ C/Sec	Max. Heating/Cooling Rate	3 $^{\circ}$ C/Sec
Temperature gradient setting range	30–100 $^{\circ}$ C	Gradient Temperature Setting Range	30-99 $^{\circ}$ C	Adapter block material	aluminum
Temperature gradient difference setting range	1 – 36 $^{\circ}$ C	Gradient Range	1-4 2 $^{\circ}$ C	Display	7" LCD 800x480

Detection system		Adapter block material	aluminum	Input	Touch panel
Excitation light source	4/6 monochrome high efficiency LEDs	Display	7" LCD 800x480	User defined file system	Max. 30 segments 99 cycles max . 16 folder and 16 files each folder
Detection device	PMT	Input	Touch panel	Power off protection	Yes
Detection mode	Time-resolved signal separating technology	User defined file system	Max. 30 segments 99 cycles max. 16 folder and 16 files each folder	Power Supply	100-120V/200-240V,50/60Hz
Excitation/detection wavelength range	455-650nm/510-715nm	Power off protection	Yes	Dimension [D×W×H]	280x370x250 mm
Fluorescent channels	4/6 channels	Power Supply	100-120V/200-240V,50/60Hz	(without the heating block)	
Supported dye	FAM/SYBR Green, VIC/JOE/HEX/TET, ABY/NED/TAMRA/Cy3, JUN, ROX/Texas Red, Mustang Purple, Cy5/LIZ	Dimension [D×W×H] (without the heating block)	280x370x250 mm	Weight	11kg
Sensitivity	Single copy gene				
Resolution	1.33 folds copy number difference can be distinguished in single-plex qPCR	Weight	11kg		
Dynamic range	10 orders of magnitude copies				

Prices:

PCR Thermo Cycler

Cat. No.	P/N	Descriptions	Power supply	ÁR ÁFA ÉS SZÁLL.KÖLTSÉG NÉLKÜL (USD)
5034102300	TC1000-G	Gradient Thermocycler	Euro plug, 200V-240V/50Hz/60Hz	2 314
5034101300	TC1000-S	Thermocycler	Euro plug, 200V-240V/50Hz/60Hz	2 057
5064102300	TC1000-G	Gradient Thermocycler	Euro plug, 200V-240V/50Hz/60Hz	2 314
5064101300	TC1000-S	Thermocycler	Euro plug, 200V-240V/50Hz/60Hz	2 057
17900136	PCR touch screen pen	Resistance touch screen pen		2



Quantitative PCR

Cat. No.	P/N	Descriptions	Power supply	without CE ÁR ÁFA ÉS SZÁLL.KÖLTSÉG NÉLKÜL (USD)
5084102300	Accurate96-x4	Four Channel Fluorescence Quantitative PCR Analyzer	CN/EU/UK/US plug, 200V-240V/50Hz/60Hz	18 643
5084202300	Accurate96-x6	Six Channel Fluorescence Quantitative PCR Analyzer	CN/EU/UK/US plug, 200V-240V/50Hz/60Hz	24 429

További információért vegye fel a kapcsolatot velünk!

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