

ORDERING INFORMATION	
GTC96S	GTC96S thermal cycler with 96-well block, 240VAC
GTC96S	GTC96S thermal cycler with 96-well block, 120VAC
Package Deals	
CSL-PCRKIT	PCR package includes GTC96S thermal cycler, MSMIDI96 96-well electrophoresis unit and nanoPAC-500 power supply
CSL-CLEANCAB	Complete PCR package with low cost clean room. Includes CSL-GTC96S, CSL-UVCAB, CV2, CV20, CV200, CV1000 and CV8-200 pipettes, MSMIDI96 and nanoPAC-500.
Use CSL-PCRKIT\$ and CSL-CLEANCAB\$ to order 120VAC versions	

TECHNICAL SPECIFICATIONS	
Sample Capacity	1x 96-well plate; 12x 8x0.2ml strip tubes; 96 x 0.2ml tubes
Programmable Temperature Range	4-99.9°C
Temperature Control	Calculated or block
Temperature Accuracy / Uniformity	±0.5°C / ±0.5°C
Heating / Cooling Method	Peltier
Maximum Heating / Cooling Rate	5°C / 3.5°C per second
Temperature Range of 6-Segment Blocks	30-99°C; temperature of each segment may be set independently
Maximum Temperature Difference Between 6-Segment Blocks	24°C
6-Segment Temperature Block Format	6 segments, each 4x4-well
Programmable Lid Temperature	60-65°C, 90-94°C
Memory	200 complete programmes
Temperature Increments / Decrements	Yes
Time Increments / Decrements	Yes

FEATURES :

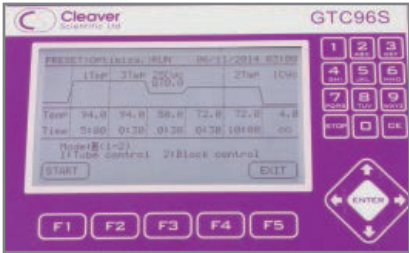
- Compatible with 96-well plates, 0.2ml tubes and tube strips
- Protocol optimization selectable from 1 to 24°C across the entire temperature control range from 4-99°C
- Improved protocol optimisation aided by Flexible Temperature technology allows simultaneous testing of 6 different annealing temperatures for optimum yield of the desired PCR product less nonspecific artefacts
- Precision temperature control increases both speed and efficiency
- Intuitive programming through self-explanatory user-friendly interface
- 3-year warranty



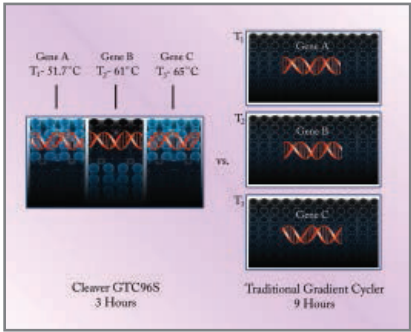
The NEW GTC96S
Thermal Cycler at a Personalised price!



Blue and black squares on the thermal cycler block aid identification of each of the six 4x4-well temperature zones.



Intuitive user-friendly interface facilitates manual selection of different temperatures in each of the 4x4-well zones, for full user control during PCR optimisation.



Flexible temperature technology provides ability to run multiple samples with different annealing temperatures in one run. This is ideal for genotyping.

Faster and with enhanced features, the new GTC96S advanced thermal cycler delivers exceptional performance at an affordable price. An improved protocol optimisation process utilises Flexible Temperature technology to segregate the 96-well plate into six discrete (4x4-well) temperature zones, made easily distinguishable by blue and black squares. Temperature selection is no longer automated and is entirely in the hands of the operator over a 24°C advanced range, anywhere between 4 and 96°C. This enables the operator to optimise PCR by testing 6 different

temperatures simultaneously in just one thermal cycler run. This is ideal for Genotyping work. With heating and cooling rates of 5°C/s and 3.5°C/s respectively, the precision temperature control of the GTC96S minimises temperature overshooting and undershooting between individual stages within each PCR cycle, resulting in faster run times and greater efficiency. Programming is both quick and simple through a large user-friendly interface, while pre-programmed methods for Optimisation, Touchdown and Time Increments make set-up obvious

even to first time users. A heated lid, which is fully adjustable to apply optimal pressure to 0.2ml tubes and microplates, may be programmed to hold different temperatures between 60 and 65°C and 100 to 115°C. Additional advantages offered by the new heated lid are its slide-in slide-out design for safe access to samples, and its prevention of condensation formation during overnight cooling.





WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.