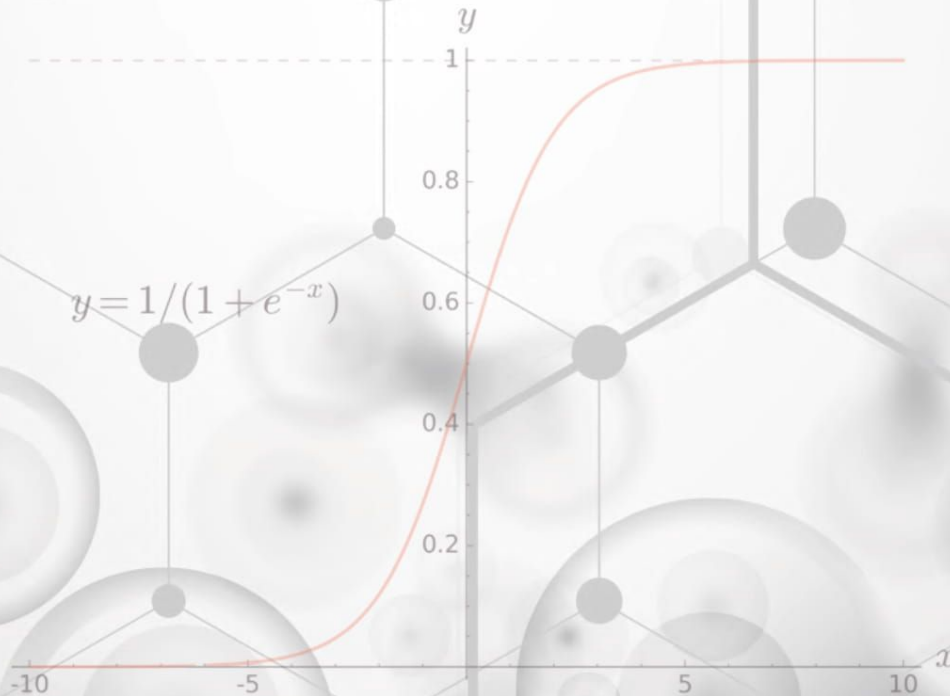




Europe

All about PCR and Real Time PCR



www.longgene.com.tr

THERMAL CYCLER (PCR) INSTRUMENTS

LongGene | A300

Purpose

The device is used for PCR (Polymerase Chain Reaction) applications for DNA and RNA (cDNA) amplifications.

Scope of Application

Genetic Disease Detection
 Virus or Pathogen detection
 Drug Resistance Analysis
 DNA Methylation Study
 SNP (Single Nucleotide Polymorphism)
 Gene Expression Studies
 Multiplex Analysis
 IVD Applications
 (Covid19, Variant Genotyping, Hepatitis, Respiratory infections etc.)

Technical Basic Specifications

Control screen: 7" Graphic Touch Screen
Block Capacity: 96x0,2 ml + 77x0,5 ml (opt)
Temperature Range: 0-105 °C
Heating Rate: 6 °C /second (max)
Cooling Rate: 5 °C /second (max)
Temperature Accuracy : ± 0.1 °C
Temperature Uniformity: $\leq \pm 0.2$ °C
Screen Resolution: 0.1 °C
Gradient Range: 30-99.9 °C
Gradient Capacity: 1-30 °C (12 column)
Heat Lid Temperature Range: 30-112 °C
Program Capacity: 15.000 (internal)
Auto-Restart Property: Available
Password Protected Accounts: Available
Dimensions : 36.2 X 25.6 X 25.5 cm
Weight: 7.3 kg
Connection: LAN (PC), 2x USB (2.0)
Built-in calculators: Gradient calculator, T_m calculator

CE
 ISO 9001
 PCR PERFORMANCE WARRANTY
 POC

New Generation Gradient PCR Device

It has 6 °C heating performance with new generation peltier elements with 1 million cycle life. Gradient block is suitable for use with both 0.2 ml and 0.5 ml tubes. Device systems has the functions of increasing/decreasing the time per cycle (1-20s) and increasing/decreasing the temperature per cycle (1-10 °C).



96x0,2ml + 77x0,5ml Gradient Peltier Block

Graphically protocol edit and display the whole running.
 Easily interchange the blocks without tools
 Optional blocks for choice Interchangeable block and adaptor options are available (384 Well Block, In-Situ Adaptor)
 15,000 protocols storable on board and unlimited storage by USB disk.

 LongGene®



Model: A600

A600 Super Gradient Thermal Cycler PCR

(Ideal for Research, especially for primer optimizations)

Block Tube Capacity: 96x0.2 ml (single/8 strip/96 well plate)

Zone Capacity: 6 separate zones, 6 different annealing temperatures

Gradient Capability: 6 individual gradient on each zones, 4 column

Gradient Capacity: 6 separate regions, each of them are gradient internally

Gradient Range: 1-25 °C

Temperature Range: 0-105 °C

Heating Capacity: 5.5 °C/s (max)

Cooling Capacity: 4.5 °C/s (max)

Temperature Accuracy: $\leq \pm 0.15$ °C (at 95 °C)

Temperature Uniformity: $\leq \pm 0.15$ °C (at 95 °C)

Display Resolution: 0.1 °C



Digital Catalog



Instructions





Web



Contact

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