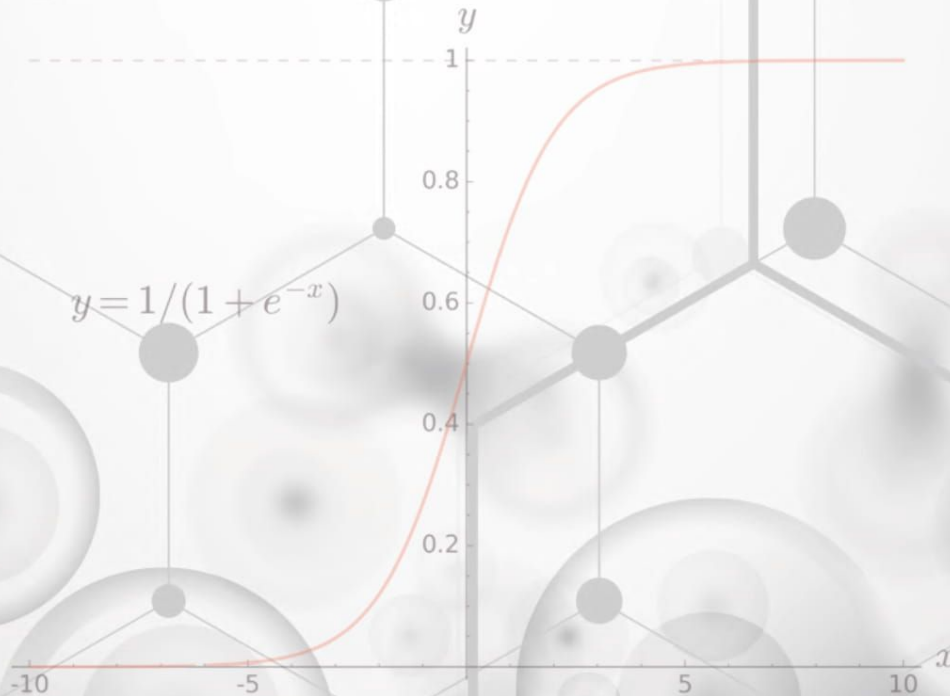




Europe

All about PCR and Real Time PCR



www.longgene.com.tr

THERMAL CYCLER (PCR) INSTRUMENTS

LongGene | T20/T30

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: 10" Graphic Touch Screen

Block Capacity: 3x32 (0.2 ml) / 2x48 (0.2 ml)

Temperature Range: 4-99.9 °C

Heating Rate: 7.5 °C/second (max)

Cooling Rate: 6 °C/second (max)

Temperature Accuracy: $\leq \pm 0.2$ °C

Temperature Uniformity: $\leq \pm 0.2$ °C

Screen Resolution: 0.1°C

Gradient Range: 30-99.9 °C

Gradient Capacity: 1-25 °C (8 column)

Heat Lid Temperature Range: 30-112 °C

Program Capacity: 15.000 (internal)

Auto-Restart Property: Yes

Password Protected Accounts: Yes

Dimensions: 27.0 x 37.5 x 27.7

Weight: 13 kg

Connection: LAN(PC), USB (2.0)

Built-in calculators: Gradient calculator, Tm calculator

CE

ISO

PCR PERFORMANCE WARRANTY

POC

New Generation Gradient PCR Device



T30 3x32 (0.2 ml) Gradient Peltier Block

CE



T20 2x48 (0.2 ml) Gradient Peltier Block

CE

It has a 7 °C heating and 6 °C cooling speed per second with the new generation peltier elements.

Ensure the long life with 1.000.000 cycles.

2 or 3 Individual sample blocks allow 2 or 3 different protocols running at the same time.

Easily interchange the blocks without tools.

New lever-style heat lid could lock up the lid pressure automatically, ensure during running of protocol.





Digital Catalog



Instructions





Web



Contact

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