



## Thermal Cycler

### Model A300 fast Gradient



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

#### New Generation Gradient PCR Device

(Ideal for Research, especially for primer optimizations)

Art Gene A300 with 96x0,2ml block, optional 96x0,2ml plus 77x0,5ml Gradient Peltier block, or optional 384 well block.

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).

**Control screen:** 7" Graphic Touch Screen

**Block Capacity:** 96x0,2 ml + 77x 0,5 ml (opt)

**Temperature Range:** 0-105 °C

**Heating Rate:** 6 °C /second (max)

**Cooling Rate:** 5 °C /second (max)

**Temperature Accuracy :**  $\pm 0.1$  °C

**Gradient Capacity:** 1-30 oC (12 column)

**Heat Lid Temperature Range:** 30-112 °C

**Programe 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

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