

INTRODUCTION

Esco offers a choice of conventional thermal cyclers designed to meet critical requirements for all kinds of PCR processes such as Gradient PCR, Touch down PCR, High Throughput PCR, in situ PCR using various types of PCR tubes, strips, plates, and slides.

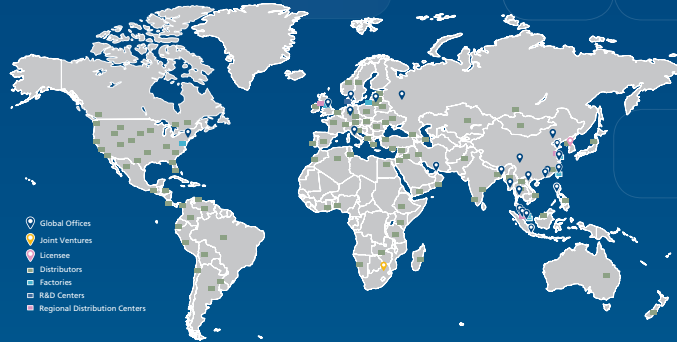
These thermal cyclers use advanced Peltier technology to achieve precise temperature control and fast ramp rates with minimal over- and under-shoot for process speed and accuracy.

List of Applications

- Molecular Biology Research
- Molecular Diagnostic Testing
- Immunological Assays
- Forensics
- Oncology Research

ESCO LIFESCIENCES GROUP

42 LOCATIONS IN 21 COUNTRIES ALL OVER THE WORLD

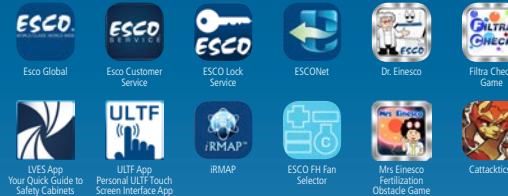


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Esco Conventional Thermal Cyclers



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Esco Conventional Thermal Cyclers



KEY FEATURES:

- Available in different block configurations
- Fast and adjustable ramp rate
- Adjustable hot lid and temperature
- Applicable for standalone operation
- Allows for variety of PCR applications
- Low footprint for both models

OVERVIEW OF MODELS

Aeris™ Conventional PCR Thermal Cycler

Features

- Multi-block capability
- Adjustable hot lid temperature and ramp rate
- Excellent temperature accuracy and uniformity
- Can perform standalone operation
- Software allows variety of PCR conditions, can control up to 30 units via one PC
- Password protection for secure system access



Swift™ MiniPro® Conventional PCR Thermal Cycler

Features

- Superior Performance
 - Excellent Temperature Uniformity
 - High Temperature Precision
 - Outstanding Ramp Rate
- Convenience
 - Compact Footprint
 - Convenient Setup, Fast Run
 - Friendly Interface
 - Adjustable Hot Lid
 - Adjustable Ramp Rate
- Stability



BLOCK OPTIONS FOR AERIS™: Choose the appropriate block for your PCR application

Five Interchangeable Blocks

AERIS-BG096
G-96 WELL

Applicable consumables: 0.2 ml tube, 96-well microplate, 12 x 8 strips, 8 x 12 strips

AERIS-B4830
48 x 0.2 ml + 30 x 0.5 ml WELL

Applicable consumables: 0.2 ml tubes, 0.5 ml tubes, 4 x 12 strips

AERIS-BD048
D-48 X 0.2 ml

Two in one! Two independent experiments may be carried out at the same time.

Applicable consumables: 0.2 ml tubes, 6 x 8 strips

AERIS-BG384
G-384 WELL

Applicable consumables: 384-well microplate

AERIS-B4076
4 IN SITU SLIDES
For In Situ PCR

Applicable consumables: 4 slides *in situ*

BLOCK OPTIONS FOR SWIFT™ MINIPRO®: Choose the type of block that comes with the main unit depending on your sample requirements

Block 1
24 x 0.2 ml

Applicable consumables: 0.2 ml tubes, 3 x 8 strips

Block 1
18 x 0.5 ml

Applicable consumables: 0.5 ml tubes