PcrPal Personal Thermal Cycler

From Accurate Thermal Systems

PCRPAL Thermal Cycler

BENEFITS & FEATURES

>Economical, unmatched price

>Rugged, lightweight & reliable

>Heated lid to eliminate sample evaporation, no need for oil overlay

>2.5” color LCD display with graphical temperature trend

>Intuitive, flexible programming

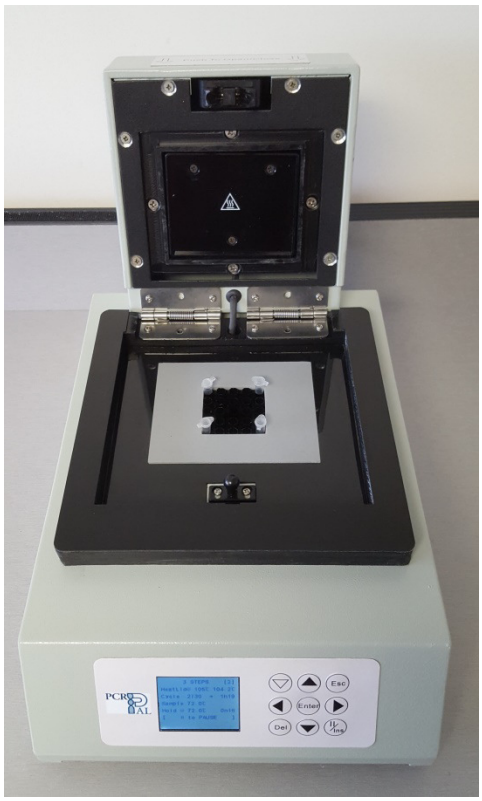
>25 x 0.2mL or 20 x 0.5m block format

>Create advanced protocols with incremental temperature and time

>Programmable ramp rate

>Operates on 100 to 240 VAC mains supply

>No PC, Smartphone or Tablet required to run the unit



- Economical price so everyone in the lab can have their own Thermal Cycler
- Full featured standalone unit, no PC or Smartphone required
- Good specifications for a small unit
- Intuitive programming and color display with real time temperature graph
- CE marked for safety

It’s finally here; PCRPAL so everyone in the laboratory can have their own PCR Thermal Cycler. Unlike other low cost Thermal Cyclers that require a PC or Smartphone to run, PCRPAL is a fully programmable, full featured stand-alone PCR Thermal Cycler that operates from 4 to 99°C with a standard 25 x 0.2mL or 20 x 0.5mL tube block format.

Universities, colleges and schools of all kinds can now have a number of Thermal Cyclers available for student coursework and lab time.

ACCURATE THERMAL SYSTEMS

BETTER BY DEGREE

PCRPAL Personal Thermal Cycler

Features and Specifications

WHAT'S INCLUDED

-PCRPAL Thermal Cycler
-Built in 0.2mL or 0.5mL block as ordered
-Mains cable
-Instruction manual
-Optional accessory - NIST Traceable calibration certificate
-supported, serviced and ships from our NJ facility

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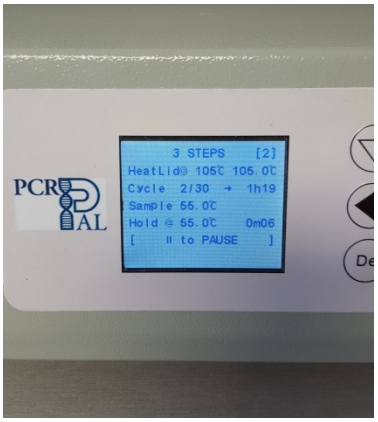
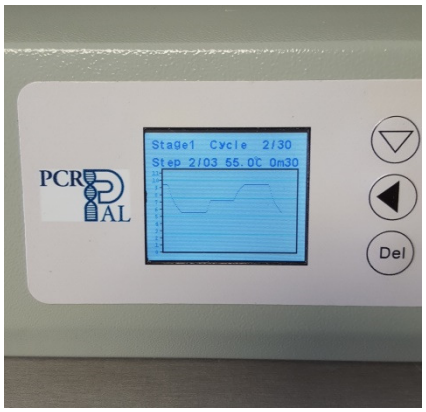


2. 5" color LCD display. Includes 3 program templates for editing or create new ones from scratch. Up to 100 programs can be created and stored with individualized naming. For the upmost flexibility each program can contain 5 stages with up to 10 steps per stage.

Create advanced protocols with incremental temperature and time settings as well as programmable ramp rates.

Monitor a running program by viewing each step and see the time remaining or view a temperature plot in real time of the most recent steps completed.



Specifications and Ordering

Thermal Cycler	
Temperature range	4°C to 99°C
Temperature accuracy	±1.0°C
Block uniformity	±1.0°C
Maximum heating rate	2.0°C/second
Maximum cooling rate	1.5°C/second
Heated lid temperature	100°C to 115°C
Heated lid enable/disable	YES
Editable Program	YES
Number of programs	100
End of program beeper	YES
Auto restart on power fail	YES
Overall dimensions	6.8" H x 9" W x 12.8" L
Weight	11 pounds
Power – AC input	100V to 240 VAC, 250 watts
Warranty	1 year
Ordering information	
- 25 x 0.2mL block	ATS4005

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