

Three-Slot PCR Thermal Cycler



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Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Product Introduction

The thermal cycler (also known as a thermos-cycler. PCR machine or DNA amplifier) is a laboratory apparatus most commonly used to amplify segments of DNA Via the polymerase chain reaction (PCR). Thermal cyclers may also be used in laboratories to facilitate other temperature-sensitive reactions, Including restriction enzyme digestion or rapid diagnostics. The device has a thermal block With holes where tubes holding the reaction mixtures can be Inserted. The cycler then raises and lowers the temperature of the block in discrete, pre-programmed steps.

►► Features

- 6 temperature circulators, 6 controllable temperature zones
- Rapid rise and cooling rate, the fastest rise cooling rate 5°C/s,
- Independent control of the three-slot module, which can run three different PCR programs at the same time.
- 8 inches color touch screen control, friendly Windows interface.
- Built-in 11 standard program file templates, can quickly edit required files,
- One-button rapid incubation to meet the needs of denaturation, enzyme digestion/enzyme ligation, ELISA and other experiments,
- User login management, three-level authority, password protection function to ensure data security
- Automatic power off protection.
- USB interface, support U inventory/PCR data, One machine can control multiple PCR meters at the same time through network connection.

►► Specification

Model	TC 3000 X	TC 3000 XG
Capacity	3x(32x0.2ml)	
Temperature Range	0-100°C	
Max. No of program cycles	100	
Gradient temperature range	-	30-100°C
Hot lid Temperature	30-110°C	
Hot lid height Adjustable	Steeple Adjustable	
Temperature Control Mode	Three slot can be set independently	
Time increase/Decrement	1 Second – 600 Second (Support long PCR test)	
Communication	USB2.0, LAN	
Function	Long PCR test, Touchdown test print, LAN to computer, pause function, Auto Data Protection	
Power Supply	85-264VAC, 47-63Hz, 600w	
Dimension	390mmx270mmx255mm (LxWxH)	
Weight	9 kg	

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HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

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 **Analytical**[®]
Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net

W. www.analyticalgroup.net
www.hplctechnologies.com
www.multiplelabs.com

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