



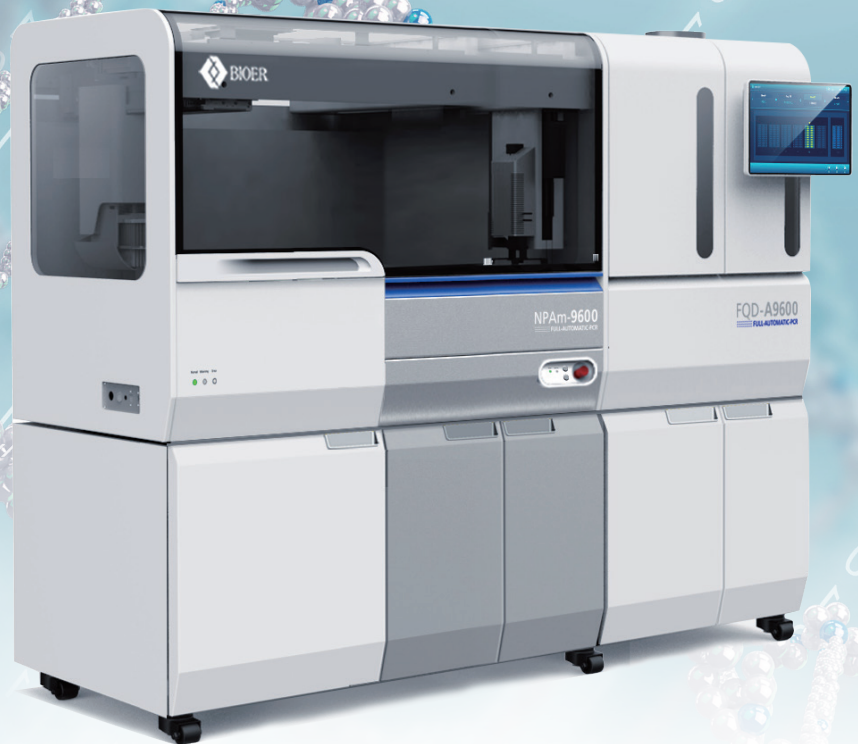
**Bioer
Technology**



Homepage:
www.bioer.com.cn

Automated Nucleic Acid Purification and Real Time PCR System

AutoGene 9600



Samples In →

← Results Out

Full-automation

Sample in, result out. Free your hands,
Improve experimental efficiency

Safe and non-pollution

Three independent zones, gradient negative
pressure, ultraviolet lamp, HEPA filtration and
other comprehensive anti-pollution measures.

High throughput

A Stream-lined Procedure for sample
detection, more than 2200 samples
can be processed within 24 hours

Efficient and accurate

2 hours for 1st run, 1 hour since 2nd run

HANGZHOU BIOER TECHNOLOGY CO.,LTD.

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Product Introduction

In order to lead the market development trend, meet the demand of PCR detection of automation, Bioer technology developed Automated Nucleic Acid Purification and Real Time PCR System, realized the: "sample pre-treatment + nucleic acid extraction + fluorescence quantitative PCR" of the whole experiment process, can help you meet the growing needs of your lab with highly efficient workflows, from sample processing to result interpretation, fully enclosed pollution prevention design, the maximum guarantee the stability of high efficiency and results of the experiment process. At the same time, the low throughput design with continuous sample addition can meet the needs of different types of customers for flexible testing.

Product specification

Product name	Automatic PCR analysis system					
Product model	FQD-A9600					
throughput	1-96 samples					
Detection efficiency	≥ 2200 in 24 hours					
Nucleic Acid Purification reaction system	20-1000μL					
magnetic beads recovery rate	≥99%					
Nucleic Acid Purification reaction Temperature range	4-100°C					
Number of pipettes	2					
Sampling accuracy of pipette	5uL (50uL Pipette Tips), accuracy≤5%, CV≤4%					
	10uL (50uL Pipette Tips), accuracy≤2.5%, CV≤1.5%					
	100uL (1mL Pipette Tips), accuracy≤2.0%, CV≤0.75%					
PCR volume	5-100μL					
PCR dynamic range	1-10 ¹⁰ copies					
PCR Temperature range	4-105°C					
PCR precision	≤±0.1					
PCR accuracy	≤±0.2°C/s					
PCR ramp rate	≥6.5°C/s					
Detection channel	F1	F2	F3	F4	F5	F6
fluorescent dyes	FAM, SYBR Green	HEX, VIC, TET, JOE, CY3, TAMRA	ROX, TEXA-RED	Cy 5, Quasar-670	Cy5.5, Quasar-705	customized
Information function	open interface of equipment, data can be accessed to laboratory information system(LIS)					
Data Analysis	Export to CSV, Excel, txt or equivalent format					
Dimension	1950*715*1550mm(length, width, height)					
Weight	500kg					

*Data tested at standard laboratories.

For research use only.