



**Bioer
Technology**



Homepage:
www.bioer.com

Fluorescent Quantitative Detection System

LineGene 9600 Pro



User-Friendly Software Interface

The 10.1-inch touch screen allows users to view programs and results at any time.

Excellent Temperature Control Performance

The ramp rate, temperature uniformity, and accuracy ensure quick experimental processes while also guaranteeing precise results.

Scientific and Rational Optical Combination

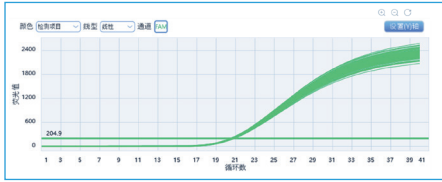
The combination of LED and PD ensures per-well scanning without optical path differences and edge effects.

Powerful Analysis Software

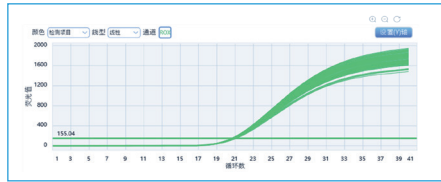
Complex data analysis functions such as absolute quantification, relative quantification, SNP analysis, and melt curve analysis.

Uniformity

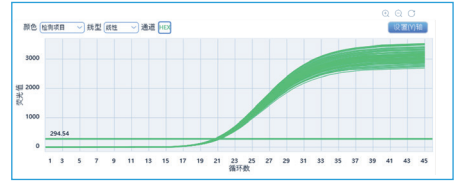
FAM:



ROX:



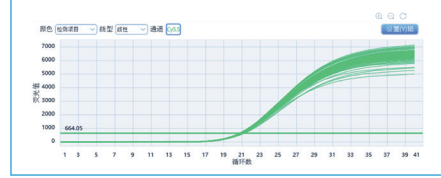
HEX:



CY5:



CY5.5:



Specification

Product Name		LineGene 9600 Pro					
Product Model		FQD-96A(ED2)/ FQD-96A(ED4)/ FQD-96A(ED5)/ FQD-96A(ED6)					
Block Capacity		96×0.2ml					
Touch Screen		10.1 inch					
Sample Volume		10-100ul					
Wavelength		Excitation:460-675nm Emission:515-735nm					
Detection Channel		F1	F2	F3	F4	F5	F6
Applicable Dyes		FAM,SYBR Green I	VIC, HEX, TET,JOE	ROX, TEXAS-RED	Cy5, Quasar-670	Cy5.5, Quasar-705	Cy3, TAMRA
Model	FQD-96A(ED2)	✓	✓				
	FQD-96A(ED4)	✓	✓	✓	✓		
	FQD-96A(ED5)	✓	✓	✓	✓	✓	
	FQD-96A(ED6)	✓	✓	✓	✓	✓	✓
Light Source		LED					
Detector		PD					
Scan Time		A 96-well plate with 6 channels is 7 seconds					
Maximum Ramp Rate		≥5.0°C/s					
Temperature Accuracy		≤0.2°C					
Temperature Uniformity		The temperature difference is within ±0.3°C					
Module Operating Temperature Range		4°C~99.9°C(Minimum setting scale:0.1°C)					
Hot Lid Temperature Control Accuracy		105°C±3°C					
Fluorescence Intensity Detection Repeatability		CV≤1%					
Interfaces		USB, LAN					
Memory		100G					
Power-off Protection		Yes					
LIS Connection Interface		Supports HL7					
Input Power		100-240V~ 50/60Hz 1200VA					
Dimensions		300mm×560mm×380mm					
Weight		28kg					