

Link do produktu: <http://www.novazym.sklep.pl/linegene-9600-ivd-v9680-p-858.html>



## LineGene 9600 IVD (v.9680)

Numer katalogowy

**9680**

### Opis produktu



## Line-Gene 9600



**LineGene 9600** is Bioer technology fluorescence quantitative PCR detection system of the new products. Based on our LineGene family consistent excellent quality, LineGene 9600 to offer you a larger sample size, detection channel more and more wide temperature range.

Different from other LineGene family models, model module radiating the patent technology and the bottom of the one and only detect patent gives temperature rate, LineGene 9600 faster temperature accuracy, uniformity and stability of temperature. LineGene 9600 has a large sample size of up to 96 samples and the ultrafast two-color scanning speed. And a new design of up to eight channels of the LineGene 9600 covering the wavelength range of fluorescence detection of all.



Line-Gene 9600 is the newest product of Bioer's Real-Time PCR detection system family. Based on Line-Gene family's tradition, Line-Gene 9600 Performs larger sample capacity, more detection channels and wider temperature range.

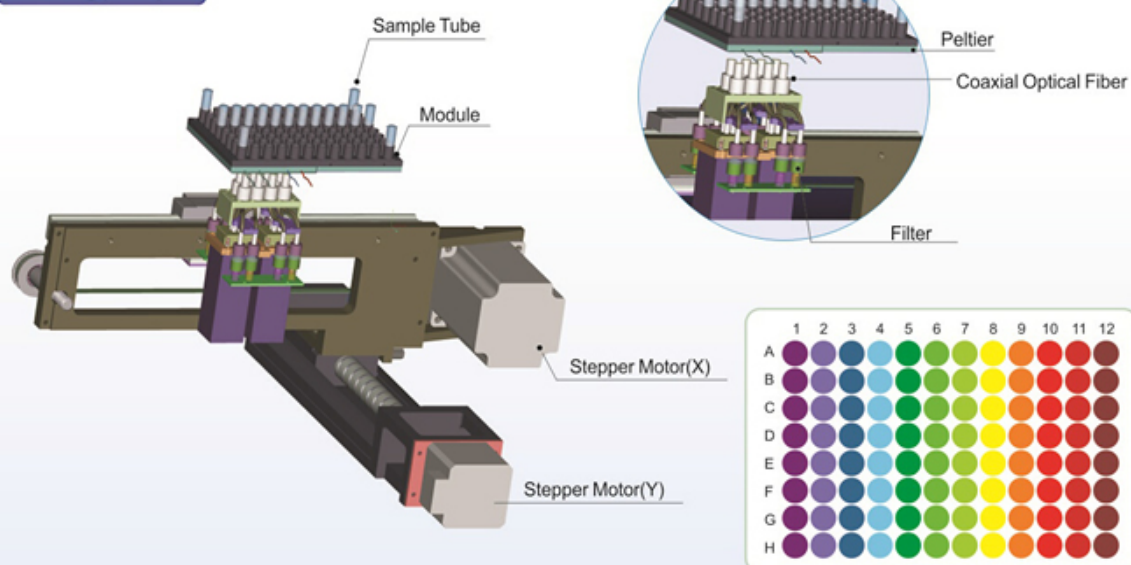
Unlike other Line-Genes in family, the unique patented block dissipation technology and bottom detection mode provide Line-Gene 9600 better heating / cooling rate, temperature accuracy, uniformity and stability. Line-Gene 9600 has up to 96 sample capacity and implements 96 wells dual-color scanning only within 5.5 seconds. With new design of at most eight channels, the instrument covers the whole fluorescence detection wavelength.

Adopting Ferrotec newest Peltier, fiber optic technology and a new global wide range power supply, the highly improved instrument is available for a variety of scientific research and clinical applications.

Two kinds of profesional softwares for your special use either for clinical or research use.

- The clinical software is much intuitive with direct report with the precised result
- The research software has multiple functions such as SNP, relative quantitive for your special use.

#### Working principle



※ up to 36°C of the temperature range

Model	9620	9640	9660	9680
Sample Capacity	96-Well PCR plate, 12*8-strip 96*0.2ml(Bottom Transparent)			
Dynamics Range	1~1010Copies			
Excitation Wavelength	300-800nm			
Emission Wavelength	500-800nm			
Detected Fluorescence	F1:FAM,SYBR Green I F2:VIC,HEX,TET,JOE	F1:FAM,SYBR Green I F2:VIC,HEX,TET,JOE F3:CY3,NED,TAMRA, F4:ROX,TEXAS-RED	F1:FAM,SYBR Green I; F2:VIC,HEX,TET,JOE, CY3,NED,TAMRA; F3:ROX,TEXAS-RED: G4:CY5;	F1:FAM,SYBR Green I; F2:VIC,HEX,TET,JOE, F3:CY3,NED,TAMRA, F4:ROX,TEXAAS-RED F5:CY5 F6:CY5.5 F7,F8 for Customized
Block Temp.Range	4 ~105 °C ( Minimum Increment : 0.1 °C ) SOAK Low Temp.Conservation Function			
Heating/Colling Rate	4.0 °C/s			
Temp.Control Accuracy	≤±0.1 °C			
Temp.Flustuation	≤±0.1 °C			
Temp.Control Mode	≤±0.3 °C			
Hot-lid Temp.Range	1 ~36 °C			
Fluorescence Detection	30 ~110 °C (Adjustable, default 105 °C, Automatic Hot-lid )			
Repeatability	5%			
Scan Mode	Entire Plate or Designated Line			
Program	Max 20 Segments for Each Program, Max 99 Cycles			
Operation Mode	Continuous			
Scan Period	5.5s ( F1/F2 96 Plate Scan)			
Feature Function	Absolute Quantification 、 Relative Quantification 、 SNP Analysis: Data Automatic Analysis:Melting Curve;Gradient 、 Automatic Gain 、 Customized;Multiple File Gene Expression Analysis			
Operation System	Microsoft : Windows2000/XP/vista/windows 7/windows 8 (Compatible with 64-bit operating system) Software : Excel2003/2007			
PC Configuration	Memory:512M Hard Disk:10GB CPU:Pentium® 4 Virtual Memory:≥1000MB			
Power Supply	100-240V ~ 50/60Hz 600W			
Dimension ( L*W*H )	430mm*395mm*352mm			
Net Weight	28kg			
Socket	USB Adapter, RS232C Adpater ( Optional ),Blue Tooth Adapter ( Optional )			
Certificaters	Ferrotec Pelitier / Met / CE / RoHS / CE-IVD			

