Bioer Technology

LINEGENE MINI

- ***INTENSIVE AND STABLE*** *signal output*
- ***EQUIVALENT*** *performance to full scale PCR machine*
- ***PORTABLE*** *real time PCR detection*
- ***EASY-TO-USE*** *analysis software*



Premium Pink

Crystal Blue

- *16 single tubes & strip tubes*
- *Customized TE module*
- *Top scanning mode*
- *Battery pack can be used as power supply*
- *Applicable in diversified and highly complicated application environment*

* All right reserved. Please refer to actual product for true colour representation.

APPLICABLE AREAS

For easy handling and setting, it is suitable for field operation of pasture, forest farm, farm, water source and disaster area.



PASTURES



FORESTS



FARMS



WATER REASOURCES



DISASTER AREA

RELATED REAGENTS

Foodborne Pathogenic Bacteria Detection Series	Animal Derived Detection Series	Transgenic Food Detection Series
Salmonella real time PCR kit	Horse/donkey derived DNA real time PCR kit	Transgenic soybean real time PCR kit
E.Coli DNA real time PCR kit	Fox derived DNA real time PCR kit	Transgenic maize real time PCR kit

SPECIFICATION

Model	FQD-16A		
Sample Capacity	16 × 0.2ml tubes (flat and transparent cap) 2 × 8-tube strips (flat and transparent cap)		
Reaction Volume	10-100μl		
Temperature Control Mode	Tube mode		
Temperature Control Method	Peltier		
Temperature Range	0 - 100℃		
Maximum Heating/Cooling Rate	5℃/s		
Average Heating/Cooling Rate	3℃/sec		
Temperature Resolution	0.1℃		
Temperature Uniformity	± 0.15℃		
Temperature Accuracy	± 0.1c		
Hot Lid Temperature Range	85-110℃		
Excitation Wavelength Range	400 to 700nm		
Detection Wavelength Range	450 to 750nm		
Sensitivity	1 copy		
Dynamic Range	1-10^{10} Copies		
Factory Calibrated Dyes	BYQ 6618E F1 : FAM, SYBR Green I F3 : ROX	BYQ 6622E F1 : FAM, SYBR Green I F2 : VIC, HEX, TET, JOE TAMRA, CY3, NED	BYQ 6623E F1 : FAM, SYBR Green I F2 : VIC, HEX, TET, JOE, TAMRA, CY3, NED F3 : ROX F4 : CY5
Dimension	W 280 × D 220 × H 240		
Net Weight	6.5 kg		
Adapter Input Voltage	100 - 240V		
Adapter Input Frequency	50 - 60Hz		
Power	DC 24V 180 W, power adaptor needed		
Connection Options	USB port		
Safety Protection and Alarm	Block, hot lid and heat sink temperature sensors short-circuit, open-circuit alarm and protection Hot lid over temperature alarm and protection		
Environment Temperature Range	5-35℃		
Safety Certification	IVD, CE, MET, RoHS 2.0		
Warm-up Time	No		

HANGZHOU BIOER TECHNOLOGY CO., LTD.

Address: 1192 Bin`an Road, Hi-tech(Binjiang) District, Hangzhou, 310053, P.R.China
Direct Phone: +86-571-87774575 (Overseas Department) **Fax:** +86-571-87774553
Website: http://www.bioer.com.cn **Email:** overseas@bioer.com.cn