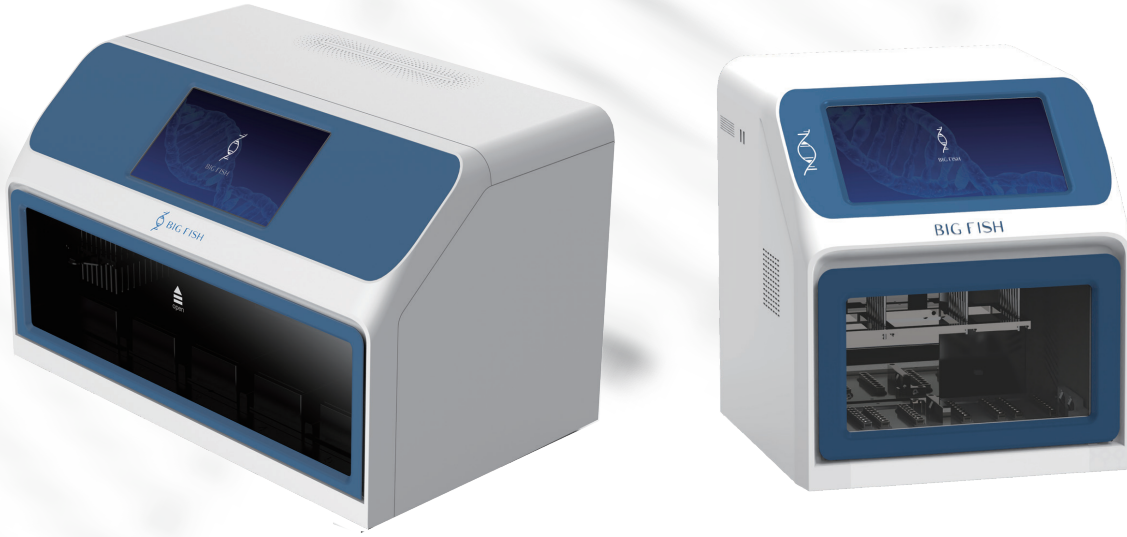


# AUTOMATIC NUCLEIC ACID PURIFICATION SYSTEM



+90 312 220 22 80

[www.bmlabosis.com](http://www.bmlabosis.com)

[bm@bmlabosis.com](mailto:bm@bmlabosis.com)

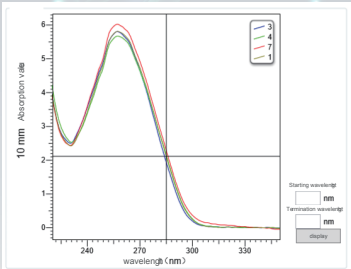
Kızılırmak Mah. 1441. Cad. Meva İş Merkezi  
No:41/8 Ankara/TÜRKİYE



# Product Features



Industrialized control system makes stable operation for 24 hours



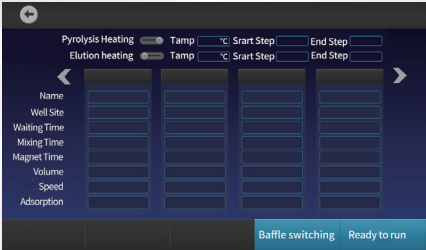
High product yield and good purity



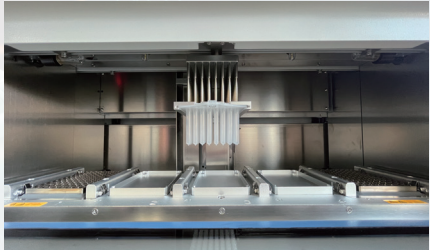
Automatic nucleic acid extraction processing can be performed on 32/96 samples simultaneously, greatly liberating the hands of researchers



Supporting reagents can be applied to various samples such as swabs, serum plasma, tissues, plants, whole blood, fecal multiple specifications of single/16T/32T/48T/96T soil, bacteria, etc., and have to meet different customer needs

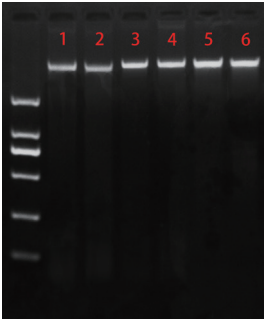


Self developed intelligent operation software and touch screen makes operation convenient and fast

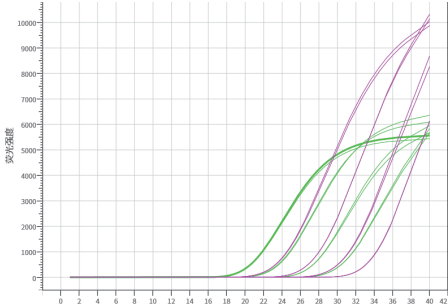


Disposable sheath insulates magnetic rods and samples, and machine is equipped with UV sterilization and air filtration systems to reject cross contamination adsorption

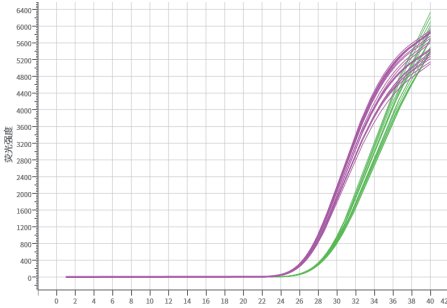
# Application Case



Electrophoresis test results of faeces and soil samples after extraction 1,2: human faeces 3,4: cat faeces 5,6: soil



UU sample extracted qPCR analysis results



NG sample extracted qPCR analysis results (including internal standard)

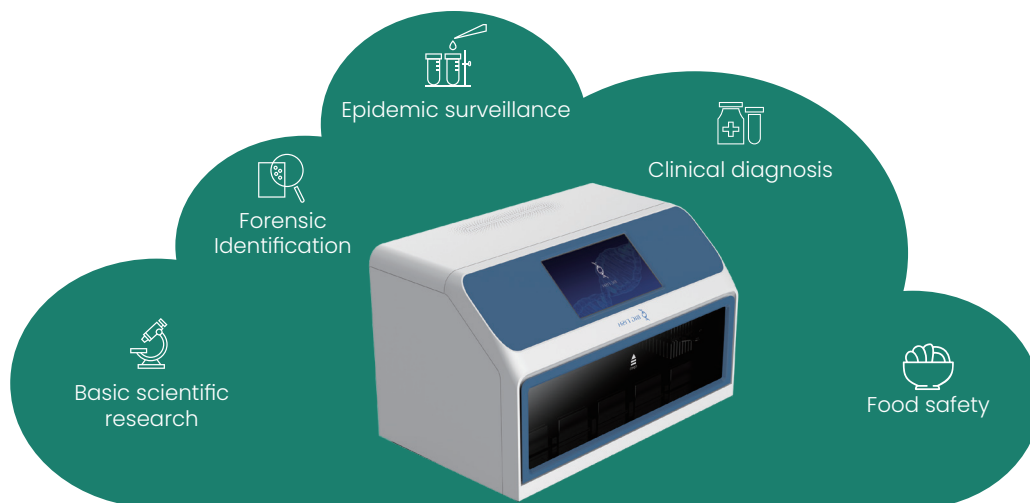
No.	type	potency	unit	A260	A280	260/280	260/230	sample
1	RNA	556.505	µg/ml	13.913	6.636	2.097	2.393	spleen
2	RNA	540.713	µg/ml	13.518	6.441	2.099	2.079	
3	RNA	799.469	µg/ml	19.987	9.558	2.091	2.352	kidney
4	RNA	847.294	µg/ml	21.182	10.133	2.090	2.269	
5	RNA	1087.187	µg/ml	27.180	12.870	2.112	2.344	liver
6	RNA	980.632	µg/ml	24.516	11.626	2.109	2.329	

Total RNA Extraction Results from Fish Visceral Tissues

# Recommend Kits

PRODUCT NAME	PACKING	CAT. NO.
Magpure animal tissue genomic DNA purification kit(pre-filled package)	32T/96T	BFMP01R/BFMP01R96
Magpure Zebra fin tissue genomic DNA purification kit (pre-filled package)	32T/96T	BFMP01RD/BFMP01RD96
Magpure whole blood genomic DNA purification kit(pre-filled package)	32T/96T	BFMP02R/BFMP02R96
Magpure plant genomic DNA purification kit(pre-filled package)	32T/96T	BFMP03R/BFMP03R96
Magpure plant genomic DNA purification kit (polysaccharide and polyphenol)	32T/96T	BFMP03RP/BFMP03RP96
Magpure virus DNA purification kit(pre-filled package)	32T/96T	BFMP04R/BFMP04R96
Magpure dried blood spots genomic DNA purification kit(pre-filled package)	32T/96T	BFMP05R/BFMP05R96
Magpure oral swab genomic DNA purification kit(pre-filled package)	32T/96T	BFMP06R/BFMP06R96
Magpure total RNA purification kit(pre-filled package)	32T/96T	BFMP07R/BFMP07R96
Magpure virus DNA/RNA purification kit(pre-filled package)	32T/96T	BFMP08R/BFMP08R96
Magpure plasmid DNA purification kit(pre-filled package)	32T/96T	BFMP09R/BFMP09R96
Magpure bacteria genomic DNA purification kit (pre-filled package)	32T/96T	BFMP10R/BFMP10R96
Magpure Plasma DNA purification kit (pre-filled package)	32T/96T	BFMP11R/BFMP11R96
Magpure FFPE genomic DNA purification kit(pre-filled package)	32T/96T	BFMP12R/BFMP12R96
Magpure virus RNA purification kit(pre-filled package)	32T/96T	BFMP14R/BFMP14R96
Magpure soil and faeces genomic DNA purification kit (pre-filled package)	32T/96T	BFMP15R/BFMP15R96
96 deep well plate (2.2ml) (U-shaped)	96/	BFMH01
8-strip tips	100/	BFMH02
96 deep well plate (2.2ml) (V-shaped)	50/	BFMH07
96-strip tips	50/	BFMH08E

**Technical Application**





# Product Parameter

MODEL	BFEX-32E	BFEX-96E
Reagent type	Magnetic beads method	
Processing volume	20~1000 L	
Sample throughput	1~32	1~96
Magnetic rod origin calibration	Software calibration (without dismantling)	
Operation screen	10.1 inch LCD touch	
Operation system	7×24 hours industrial	
Program management	New, edit and delete programs,input and output programs freely	
Uniformity of wells	CV<3%	
Heating temp. range	RT.+5~125	
Working temp.	10~40	
Working humidity	≤90%	
Mixing speed	Multi adjustable	
Multi absorption modes	Normal/Step/Cycle	
Retention of magnetic beads	≥99%	
Disinfection	UV lamp	
Interfaces	USB	
Power supply	AC110~240V 50/60Hz	
Size (mm)	340×360×395	616×375×394
Net Weight (kg)	24	30
Filter system	HEPA filter system(Exhaust type)	
Built-in lighting	Standart	
Testing of tips	N/A	Standart
Code scanner	Optional	
Antidripping liquid	N/A	Optional