

A new platform of Nucleic Acid Extraction Rotation Nucleic Acid Extractor

GeneRotex Series

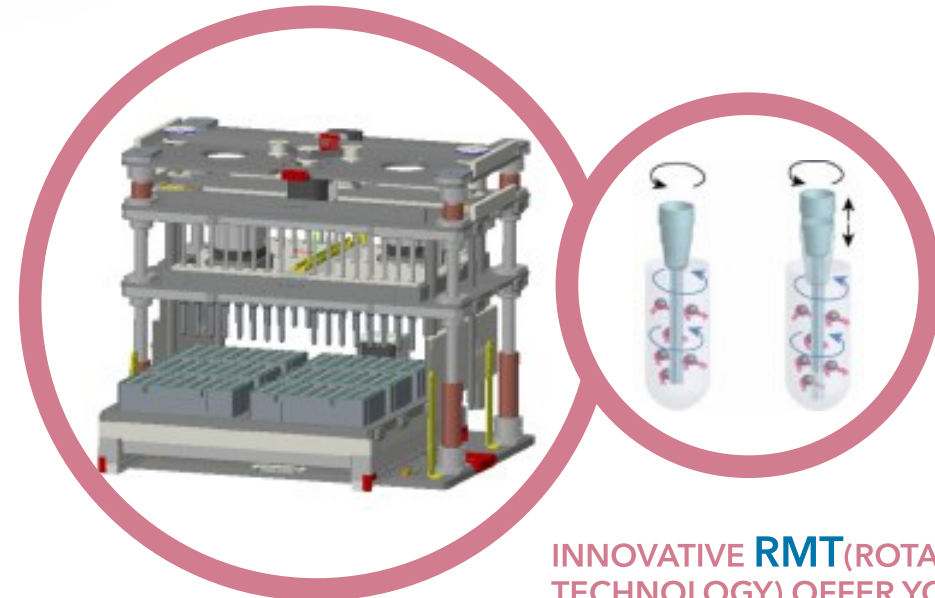
7 INCH LED SUPER SCALE COLOR
TOUCH SCREEN, EASY TO OPERATE.

FLEXIBLE THROUGHPUT OPTIONS:

- > **96 THROUGHPUT** : 6*16 Extraction module with special 96 deep well plate and 6-well single strip designed for GeneRotex to ensure high throughput and reduce reagent lost.you can extract from 1 to 96 samples per run.
- > **48 THROUGHPUT**: Big sample volume increases detection sensitivity; 1ml sample volume with independent designed consumable makes 10IU/ml infectious pathogen sensitivity detection easier than before.
- > **24 THROUGHPUT**: Innovative 5ml large sample volume design can satisfy multi detection requirements such as prenatal DNA testing and drug use for tumors related detection.

COMPATIBLE WITH ALL THE CURRENTLY TIANLONG PRE-FILLED NUCLEIC ACID EXTRACTION KITS

- > More than 90% nucleic acid recovery rate and higher than 98% magnetic beads recovery rate increas confidence in your experiment result, especially for low concentration sample detection. The detection rate of 10 IU/ml HBV and 30 IU/ml HCV are both more than 98%.



INNOVATIVE **RMT**(ROTARY MIXING
TECHNOLOGY) OFFER YOU

- > 1.High efficiency of purification
- > 2.50% aerosol reduces compare with traditional oscillation method
- > 3.Prevention of cross-contamination
- > 4.Running noise lower than 60 decible

SPECIFICATIONS

Models	GeneRotex 96	GeneRotex 48	GeneRotex 24
Throughputs	1~96	1~48	1~24
Reaction volume	30~1000μl	30~3000μl	30~15000μl
Sample volume	200μl	1000μl	5000μl
Compatible consumables	96 well DWP, customized 6-well single strip	Customized 48 well DWP	Customized large volume 6-well single strip
Rotationalspeed	≤2000rpm	≤3000rpm	≤3000rpm
Temperature range	Lysis heating : RT ~ 120°C Elution heating : RT ~ 120°C		
Mixing method	Rotary Mixing		
Operation languges	Chinese/English		
Operation mode	seven-inch full color LED touch screen operation		
Protocol storage	With 20 sets model protocol internally, up to 10,000 protocols can be stored		
Protocol management	Flexible to creat, edit and delete protocols		
Magnetic beads recovery rate	≥98%		
Difference between wells	CV≤1% ;		
Operation noise	≤60 dB ;		
Contamination control	Nagative pressure HEPA exhaust filter module, built-in UV lamp		
Interface	USB port		
Weight	43KG		
Size	490*520*480mm		
Power supply	AC110-240V, 50Hz/60Hz, 600W		
Temperature range	10-40°C		
Humidity range	≤80%		