

Bring Technology to Life



# GeneRotex 96

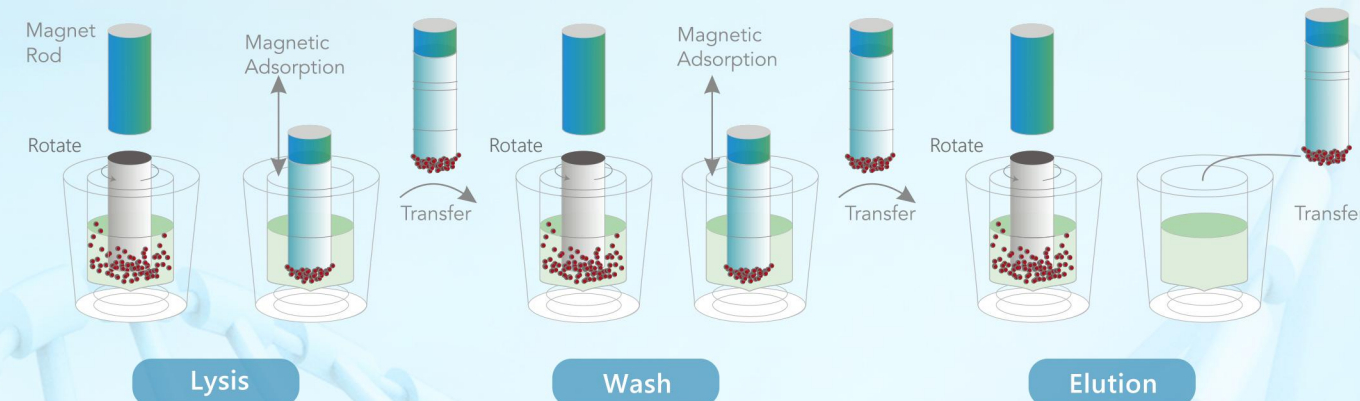
## Nucleic Acid Extractor

Innovative rotary mixing technology offers high efficiency of nucleic acid extraction and purification



Tianlong GeneRotex 96 nucleic acid extractor is designed with our innovative rotary mixing technology (RMT), which can reduce aerosol generated during the purification process, minimize the risk of false positives caused by cross-contamination, and ensure the accuracy of experiment results. The innovative 6\*16 extraction module, compatible with 96-deep-well plates and 6-tube strips, can offer high-throughput extraction and reduce reagent waste without the conventional inconveniences caused by fixed throughput. Flexible and efficient, you can extract from 1 to 96 samples per run with GeneRotex 96.



### PRINCIPLE



### SPECIFICATIONS

Model	GeneRotex 96	
Throughput	1-96	
Reaction Volume	30-1000 $\mu$ L	
Sample Volume	200 $\mu$ L	
Compatible Consumables	 96-deep-well plates	 customized 6 strip tube
Inter-well Extraction Difference	CV $\leq$ 3%	
Rotational Speed	$\leq$ 3000rpm	
Heating Temperature	Lysis heating: room temperature to 120°C Elution heating: room temperature to 120°C	
Mixing Method	Rotary mixing	
Operation Mode	7-inch full-color LCD touch screen operation	
Program Storage	Up to 1000 programs can be stored	
Protocol Management	Flexible to create, edit and delete protocols	
Automatic Control	Motor-driven automatic opening and closing of the experiment cabinet	
Magnetic Bead Residue	$\leq$ 1%	
Power Failure Protection	Choose freely whether or not to continue the experiment when the power is on again after cutting off	
Contamination Control	Negative pressure HEPA exhaust filter module; Built-in UV disinfection module	
Connection Port Type	USB port	
Weight	45kg (net)	
Instrument Dimensions	510mm*490mm*480mm (W*L*H)	
Power Supply and Power Consumption	AC100V-240V,50/60HZ;600VA	

### FEATURES



#### 7 inch color touch screen

Built-in 7-inch full-color LCD screen, easy to operate the experiment



#### High throughput and efficient extraction

6\*16 extraction module with special 96 deep well plate and 6 strip tube designed for GeneRotex 96 to ensure high throughput and reduce reagent waste. You can extract from 1 to 96 samples per run



#### Innovative rotary mixing technology

Based on Tianlong's innovative rotary mixing technology(RMT), GeneRotex 96 can reduce aerosol generated during the experiment and minimize the risk of false positives caused by cross-contamination while being super quiet during operation



#### Negative pressure system with HEPA filtration

The negative pressure ventilation design with replaceable HEPA filtration can ensure the exhausted air with no biological hazards



#### High purification and reliable results

Less than 1% residual amount of magnetic beads increase confidence in your experiment result

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