

# CHK-800

## Mini Automated Nucleic Acid Extraction System

5kg



Touch operation



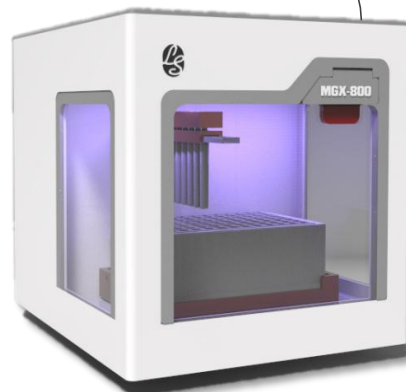
Rapid extraction



Safe and reliable



Light and portable



### ● Product Features

- **Rapid extraction** Extract 8 samples at a time, The fastest extraction time is 10 minutes.
- **Pollution control** Optimized amplitude and frequency setting and room temperature lysis eliminate the possibility of aerosol extraction.
- **Safe and reliable** The built-in ULTRAVIOLET lamp removes possible nucleic acid contamination. Automatic, closed operation, with disposable consumables, greatly reduce the risk of chemical reagents and pathogenic microorganisms causing harm to the operator.
- **Easy to operate** Built-in template program, one-click start, efficient and convenient.

## ● Equipment Parameters

	Mini Automatic nucleic acid extractor	Model	CHK-800
principle	Magnet bar method	Sample volume	20 ~ 200 $\mu$ L
Number of magnet bar	8	Sample throughput	1 ~ 8
Magnetic beads recovery	> 95%	Consumable reagents	8 - row magnetic sleeve, 96 hole deep hole plate , Magnetic bead nucleic acid extraction kit
Sensitivity	10 copies/mL	inter-hole deviation	CV $\leq$ 5%
Temperature control	RT ~ 99 $^{\circ}$ C , $\pm$ 1 $^{\circ}$ C	Operating time	15 ~ 30 min/time
Pollution control	Uv disinfection	Shock blending	Three gears to adjust
Operation interface	In both Chinese and English, 7 inch touch screen, one click to start	Program management	Freedom definition template, can store 999 custom procedures
Power	AC 110~240 V , 50 Hz , 60 W	Work environment	10 ~ 40 $^{\circ}$ C, < 80% RH
Dimension (L*W*H)	250 mm * 200 mm * 205 mm	Equipment net weight	5.0 Kg
Combination scheme	PortLab-3000 ( CHK-800 , UF-300 )		



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