

Mini PCR Workstation

DSS-Mini



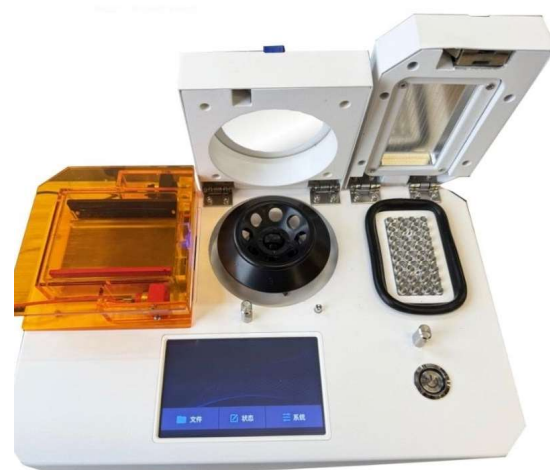
Product Overview

A portable PCR workstation consists of four parts: PCR thermal cycler, mini centrifuge, horizontal gel electrophoresis system and blue light transilluminator. It can integrate all steps from nucleic acid extraction to visualized results. The overall design is exquisite and perfectly meets the needs of rapid, accurate and reliable PCR testing anytime and anywhere



Product Features

Portable integrated design, suitable for a variety of experimental sites Gel running/gel viewing/sample centrifugation/PCR experiments all running simultaneously to minimize the experimental time Storage >10,000 files of PCR editable programs 5-inch color touch screen for real-time viewing of experimental progress and program setting values



Model	DSS-Mini
Display	5- Inch colortouch screen
Dimension	L350*W220*H120mm
Power supply	100~240V: 50/60HZ
PCR Thermal cycler	
Temp. control mode	Standard
Sample capacity	32x0.2mlPCR tube/4x0.2ml 8-strip tube
Back temp. control range	4 °C~105 °C
Hot lid temp. control range	30 °C~110 °C
Temp display accuracy	±0.1 °C
Temp. uniformity	±0.5 °C
Mex. temp. Change rete	3 °C/s
Thermal cycler technology	Peltier heating/Cooling
User defined RCR editable program fib	>-10000 files

Applications



Teaching research



Molecular genetics research



Field work

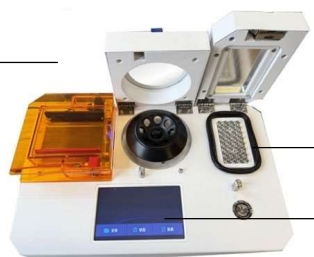


Biology enthusiast

Mini PCR Workstation

Mini Centrifuge	
Mex. speed	7000rpm
Max. Relative centrifugal force	2700xg
Rotor capacity	8 x0.2/0.5/1.5/2.0 mL tube; 32x0.2mlPCR tube: 4x0.2ml PCR 8-strip tube)
Timing range	0~59995
Security lock	Yes
Stop when the lid opened	Support
Horizontal gel electrophoresis system	
Constant voltage	50V
Gel tray	70x70mm 1 pcs
Gel size	70x70mm 1 pcs
Comb size	0.75mm, 9/16wells 1pcs 1.0mm, 9/16wells 1pcs 1.5mm, 9/16wells 1pcs
Timing	0~5999S or Continuous
Gel tank	Included
Blue light LED transilluminator	
Observation area	L105xW85mm
Max. emission wavelength	470 nm
LED light source	Built-in LED blue light module
LED lifetime	>50000h
Blue light intensity adjustment	1~10level

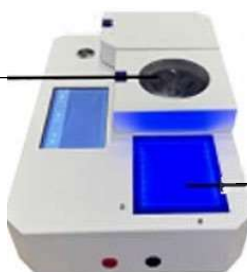
Horizontal gel electrophoresis system
Rapidly nucleic acid separation, Integrated gel making and running Amber filter cap



PCR thermal cycler
Precise peltier temperature control
Technology 32-well is thermal control module
Good temperature uniformity between

5-inch color touch screen Integrated screen Easy to operate and program
High-definition and intuitive interface

Mini centrifuge
Speed up to 7000 rpm (2700Xg)
Ultra-quiet/no vibration/smooth operation
Equipped with safety lock



470blue light transilluminator Real-time visualized results Safe blue light without radiation
Compatible with most safe fluorescent dyes

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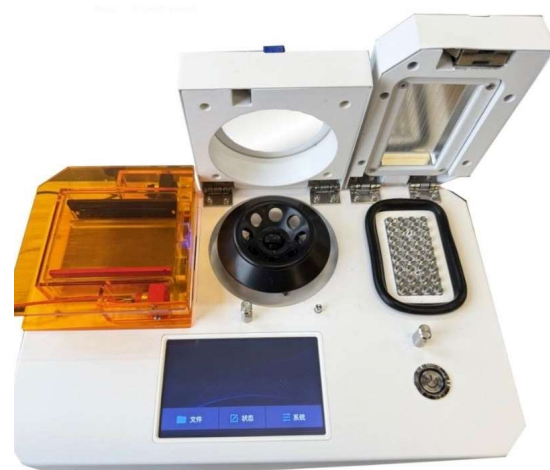
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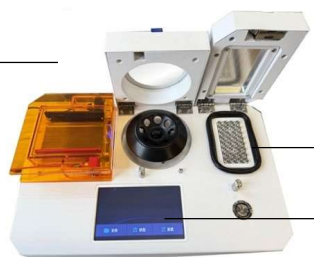


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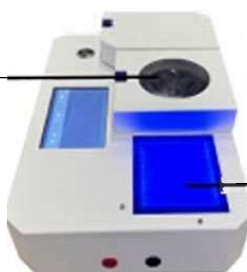
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