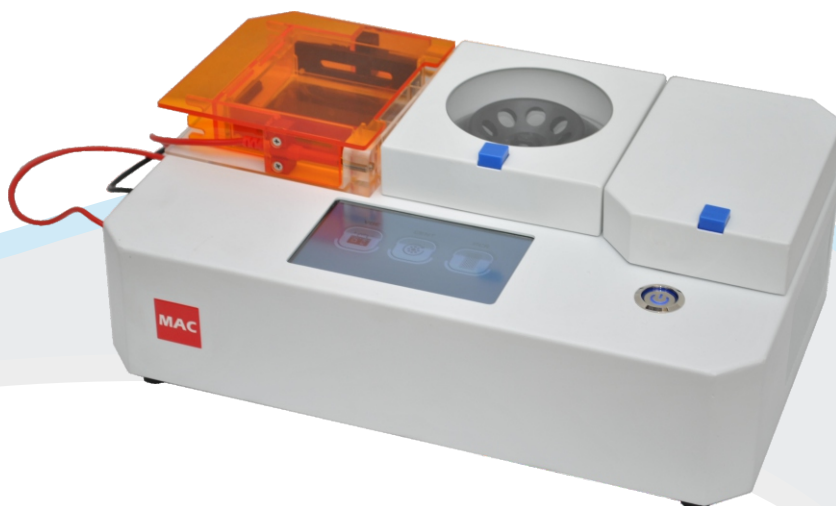


MAC

MINI PCR WORKSTATION MSW-443

A PORTABLE PCR WORKSTATION CONSISTS TO 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.

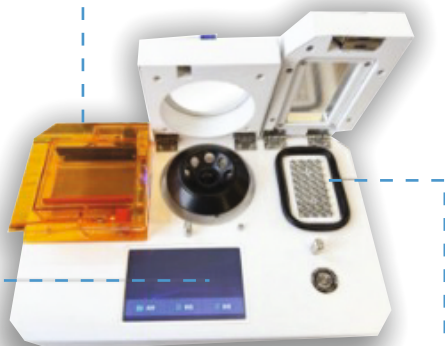


Horizontal gel electrophoresis system

Rapidly nucleic acid separation Integrated gel making and viewing Amber fittor cap

5-inch color touch screen

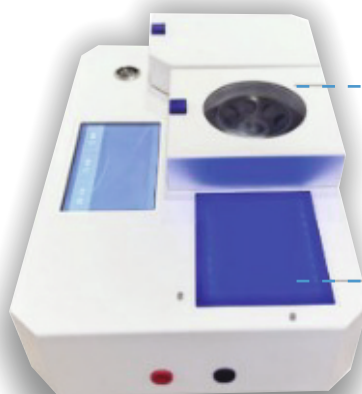
Integrated screen
Easy to operate and program
High-definition and intuitive interface



PCR thermal cycler

Precise Peltier temperature control technology
32 well isothermal control module Good temperature uniformity between wells

WITH PELTIER
HEATING/
COOLING
TECHNOLOGY



Mini centrifuge

Speed up to 7000 rpm (2700-g)
Ultra-quiet/no vibration/smooth opelation
Equipped with safety lock

470nm Blue light transilluminator

Real-time visualized results
Safe blue light without radiation
Enmpatible with minst safe fluminescent dyes

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



Teaching research



Molecular genetics research



Field work



Biology enthusiast

www.macroscientificworks.com

Images for reference purpose only, may change according to model & size

PCR WORKSTATION

MODEL	#PCRW-443
Display	5-inch color touch screen
Dimension	L350×W220×H120mm
Weight	5.2kg
Power supply	100-240V, 50/60HZ
PCR Thermal cycler	
Temp. control mode	Standard
Sample capacity	32x0.2mlPCR tube/4x0.2ml 8-strip tube
Block 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
Max. temp. Change rate	3°C/s
Thermal cycler technology	Peltier heating/cooling
User defined PCR editable program file	>10000 files
Mini Centrifuge	
Max. 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	SOV
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	0-59995 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	1-10 level

Can be Purchased in COMBO with Mini PCR Hood

Model	#PCR-2.5
Work Chamber Dimensions (WxDxH) mm	745 x 435 x 500 mm
Front Opening Height mm	180
Power Supply	220/240 V - 50 Hz
Power W	200
Noise Level	dB(A) ≤ 65 db at 1.5 mtr. distance in open field condition
Lighting Lux	1200
Tubular Stand (option)	MS tubular stand duly powder coated (option)



MAC

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