



Mini PCR Workstation



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DarsunScientific

Darsun Scientific MiniPCR 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 colortouchscreen
Dimension	L350*W220*H120mm
Powersupply	100~240V: 50/60HZ
PCR Thermal cycler	
Temp. controlmode	Standard
Sample capacity	32x0.2mlPCR tube/4x0.2ml 8-strip tube
Back temp. controlrange	4 °C~105 °C
Hotlidtemp. controlrange	30 °C~110 °C
Temp displayaccuracy	±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 programfib	>-10000 files



Mini Centrifuge	
Mex. speed	7000rpm
Max. Relative centrifugal force	2700xg
Rotor capacity	8 x0.2/0.5/1.5/2.0 mL tube; 32x0.2ml PCR 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	0~59995 or Continuous
Gel tank	Included
Bluelight LED transilluminator	
Observation area	L105xW85mm
Max. emission wavelength	470 nm
LED light source	Built-in LED blue light module
LED lifetime	>50000h
Bluelight intensity adjustment	1~10 level

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



RCR thermal cyder
Precise peltier temperature control
Technology 32-wells thermal control
module Good temperature uniformity
between

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

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



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