

PLATE SEALER



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Plate Sealer is used for sealing a wide variety of microplates (Elisa, cell culture, PCR and deep-well plates) to store samples, prevent evaporation and minimize contamination

Used in It is used for a variety of heat seals, including PCR, coulometric, fluorescence, long term storage..

Also known as Semi Automated Plate Sealer.

PCR51-200 PLATE SEALER

Power save mode: If the unit is left on but inactive for long periods, it will enter a power saving mode. Rapid heating(reaching 170°C in 300seconds)

Adjustable Sealing Temperature: 80°C ~200°C OLED display screen, high light.

Applicable for different micro plates and heat seals. Precise temperature, timing and pressure for consistent sealing.

Safety : If a hand or objects stuck in the drawer when it's moving, the drawer motor will reverse automatically. This feature prevent both user and the unit from injury.

Special and smart design on the drawer, it can be detached from the main device.



SPECIFICATIONS

Model	PCR51-200
Sealing temperature	OFF, 80°C~200°C(increment of 1.0°C)
Temperature uniformity	± 1°C
Temperature accuracy	± 1°C
Sealing time	0.5s~10s(increment of 0.1s)
Seal plate height	9~48 mm
Compatible plate types	Standard Assay Plates, Deep-well Storage Plates, PCR Plates: skirted, semi-skirted, non-skirted
Compatible plate materials	PP(Polypropylene), PS(Polystyrene), PE(Polyethylene)
Compatible Sealing Film Types	Foil-polypropylene laminate, Clear polyester-polypropylene laminate, Clear polymer, Thin clear polymer
Display	OLED
Power	300 W
Voltage	AC110V or 220V/50-60Hz
Weight(kg)	11.46
Dimension (mm)	370x178x330

PCR52-48 PLATE SEALER

Compact appearance, small occupied space, simple operation

OLED display screen, high light and no visual angle limit, more energy saving and eco-friendly

Adjustable sealing plate temp.:80~200C, real temp. displays, rapid heating

Sealing plate pressure can be adjusted according to the real result, various kinds of micro plates and heat sealing films to replace

The microprocessor controls temperature with good accuracy. The ingenious uniform structure of heat sealing plate ensures consistent sealing results

Variable temperature and time settings for accurate optimization. Temperature can be precisely set in increments of 1.0C, and time in increments of 0.1s

Advanced ceramics platen heating technology avoids adhesion of sealing films due to excessive high temperature

Two sides of the body is equipped with windows, which is convenient to clean and extend using life of the heating plate



SPECIFICATIONS

Model	PCR52-48
Temp. Range	80°C ~200°C, (increment: 1°C)
Temp. Display Accuracy	±1°C
Temp. Uniformity	±1°C
Sealing Time Range	0.5 ~10 sec. (increment: 0.1sec)
Sealing Pressure Range	1 ~5 grade
Compatible Plate Material	PP (Polypropylene) / PS (Polystyrene) / PE (Polyethylene)
Compatible Plate Types	Standard microplates: PCR plate(skirted, semi-skirted, non-skirted), deep-well plate, ELISA plate.
Sealing Plate Height	9 mm ~48 mm
Compatible Sealing Plate Film	1.foil polypropylene material 2.transparent polyester fiber - polypropylene material 3.transparent polymer material 4.thin layer transparent polymer material 5.foil material
Front Panel Material	fireproof ABS
Sealing Plate Material	Ceramics
Voltage	AC 220 V / AC 110 V switchable, 50/60 Hz
Power	300 W
Fuse	250 V, 8 A, φ5 x 20
Dimension	W.180 x D.350 x H.380 mm
Net Weight	12 kgs

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