

Smart PCR Film Sealer

Catalog No: FS-A20

Innovative rolling design is adopted for FS-A20 Smart PCR Film Sealer, which can effectively avoid sample loss and spatial cross-infection. It can be applied in conventional PCR (Polymerase Chain Reaction) and fluorescence qPCR (Qualitative Polymerase Chain Reaction). The machine is easy for operation, 4 modes are available (pressure-sensitive film, adhesive film, 0.1 mL PCR 8-strip tubes, 0.2 mL PCR 8-strip tubes), user-friendly software interface facilitating parameters and rolling time setup. Rolling frequency can be adjusted according to the requirement of individual pressure-sensitive films and reaction plates.

Features

1. Touch screen display, convenient and intuitive operation.
2. Excellence sealing, no evaporation, good consistency.
3. It can seal film for 96-well and 384 well PCR reaction plate, pressure-sensitive film and adhesive film; 8-strip tubes.
4. Flexible and adjustable parameters with the rolling frequency (1-99) and rolling values (1-3).
5. Quiet for comfortable working environment.
6. Adapters are easy to replace and can be customized according to experimental requirements

Operation Steps

1. Plug in the power cord, turn on the power switch; when the screen shines, the instrument will perform a self-test.
2. After the self-test, the screen will display the main interface, which is the program setting page.
3. Corresponding modes can be selected according to film sealing requirements: pressure-sensitive film, 0.1 mL tube (0.1 mL PCR 8-strip tubes gland mode), adhesive film, 0.2 mL tube (0.2 mL PCR 8-strip tubes gland mode).

4. Select the mode, place the corresponding adapter, 96-well sealing adapter, 384-well sealing adapter and 8-strip tubes gland adapter.
5. Set the icon in the upper right corner to enter the parameter setting interface to modify the rolling times and positions.
6. Rolling times (1-99) and Rolling Pressure 1-3 are adjustable.
7. Click Save to return to the operation interface.
8. Pressure sensitive sealing film and adhesive sealing film: place the prepared sample in the PCR plate, tear off the sealing film and stick it, and then put the PCR plate with the film on the sealer.
Note: that the wells should be aligned and flat; 8-strip tubes grand: place the prepared sample in the 8-strip tubes, place the 8-strip tube on the film sealer (vertically), and place the tube lid on the 8-strip tubes. Pay attention to the alignment of the tube lid.
9. Press “start”, the film sealer will automatically enter the working chamber and automatically seal the film/ gland according to different working modes.
10. After the operation, the film sealer will automatically exit the bin, and the screen displays “Finished”.
11. Take out the PCR plate with the sealed film/ 8-strip tubes with the lid pressed.

Note: In case the instrument hangs and stop responding, touch the switch to stop the operation and touch it again to withdraw the PCR plate from the working chamber.

Do not touch the PCR plate directly during operation in case of injury or loss of samples.

Instrument Information

Model	FS-A20
Dimension (LxWxH)	14.25" x 7" x 11.46"
Weight	18.52 pounds/8.4 kg
Compatible PCR Reaction Plates	PCR reaction plate without skirt, half skirt, full skirt, Elisa plate, 0.1ml /0.2ml PCR 8-strip tubes
Compatible Films	PCR sealer film (pressure-sensitive, adhesive film)
Running Times	1-99
Rolling Position	1-3

Packing List

Items	Name	Qty
1	Film Sealer	1
2	Power Cord	1
3	Product Instruction Manual	1

GeneScan Diagnostics
ISO9001:2015

Certificate
Number
G030121



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ISO13485:2016

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