

# SealBio-1 Automated Sealer

SealBio-1 automated sealer is a device for rapid and continuous sealing of microplates. It can be adapted to ANSI, SBS standard 12-well, 24-well, 48-well, 96-well and 384-well plates with height range of 3~62 mm, including all kinds of PCR plates, ELISA plates, deep-well plates, cell culture plates, etc. It supports the use of 78 mm puncturable roll film, aluminum foil roll film and strong heat sealing roll film.

Suitable for pre-filled of biochemical reagents, sealing film before PCR assays, long-term storage of samples, and other experimental applications that require sealing of reagents.



✓ RT.~200 °C free setting, to meet the needs of different film sealing applications

✓ Built-in independent air source, no need to connect other equipment

✓ Automatic preloading of film, continuous operation

Film sealing cycle time <20 seconds ✓

Touch screen operation, graphical interface is easier to use ✓

Standard roll film protection cover to avoid film surface contamination ✓

Program storage function to save different types of film parameters for quick recall ✓

# Specification

| Parameter / Model            | SealBio-1   |  |
|------------------------------|---|--|
| Product name                 | Automated sealer  |  |
| Supported plates             | ANSI / SBS standard plate, height range 3~62 mm   |  |
| Support roll film            | Film type   | Puncturable film / aluminum foil film / strong heat sealing film |
|                              | Film width  | 78 mm  |
|                              | Loading method  | Automatic preloading of roll film                                |
| Film sealing temperature     | Temperature range   | RT.~200 °C   |
|                              | Temperature control accuracy  | ±1 °C  |
|                              | Accommodative amplitude   | 1 °C   |
| Pre-heating time             | 5 min   |  |
| Cycle time                   | <20 seconds/time  |  |
| Adjustable film sealing time | Time range  | 0.5~9.9 seconds  |
|                              | Accommodative amplitude   | 0.1 seconds  |
| Air source method            | Built-in air source   |  |
| Port                         | 1×USB-B port and 1×Ethernet port  |  |
| Power supply                 | AC 100~240 V, 50/60 Hz  |  |
| Maximum power                | 300 W   |  |
| Software operation           | 7-inch touch screen software (resolution 1024*600) / edit sealing scheme / prestored sealing scheme |  |
| Safety                       | Standby function (low power mode) / detection of plate /detection of roll film                      |  |

## Ordering Information

| Code        | Description                |
|-------------|----------------------------|
| AS-15010-00 | SealBio-1 automated sealer |

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