



# MBI BioSeal-1

## Automated Plate Heat Sealer

BioSeal-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

Sealing cycle time <20 sec ✓

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		MBI BioSeal-1
Product name		Automated plate heat 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		1xUSB-B port and 1xEthernet 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
ZR-04909-99	BioSeal-1 automated plate heat sealer