Manual Microplate Heat Sealer, 80-200°C ±1°C, 0.5-99 s Sealing, 9-48 mm Plate Height

Model **MSSLM-P200SWISS** | Brand **Master Science**





The Manual Microplate Heat Sealer seals ELISA, cell culture, PCR and deep-well plates with heat seal film to store samples, prevent evaporation and reduce contamination. It works with a wide range of heat seals for PCR, colorimetric and fluorescence assays and long-term storage.

KEY HIGHLIGHTS

- Consistent Seals
- Fits Many Plate Types
- Quick Start
- Easy Loading

AT A GLANCE

±1°C
TEMPERATURE ACCURACY

80-200°C
SEALING TEMPERATURE

Reaches 170°C in 300 s
HEATING SPEED

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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Overview

Sealing temperature is adjustable from 80°C to 200°C with ±1°C accuracy, and sealing time from 0.5 to 99 s. The Manual Microplate Heat Sealer accepts plates 9 to 48 mm tall on a drawer-type sliding platform, heats to 170°C in 300 seconds and includes over-heating protection.

Seal plates before shaking or incubating them on our Microplate Thermo Shaker Incubator, which pairs well with the Manual Microplate Heat Sealer.

Adhesive films and hand sealing often cause the issues below. The Manual Microplate Heat Sealer solves each one.

Overview

- Sealing time 0.5-99 s with fine 0.1 s steps up to 10 s
- 30 s sealing interval
- Precise temperature, timing and pressure

Key Benefits

Consistent Seals
Precise temperature, time and pressure give the same seal quality plate after plate.

Fits Many Plate Types
Plate height from 9 to 48 mm covers PCR plates through deep-well plates.

Quick Start
The heater reaches 170°C in 300 seconds.

Easy Loading
A drawer-type sliding platform gives easy access to plates.

Technical Specifications

UNDEFINED

Brand	Master Science
Model Number	MSSLM-P200SWISS
SKU	MSSLM-P200SWISS
Sealing Temperature	80-200°C
Temperature Accuracy	**±1°C**
Sealing Time	0.5-99 s (0.1 s steps up to 10 s; 1 s steps above 10 s)
Sealing Interval	30 s
Plate Height	9-48 mm
Heating Speed	Reaches 170°C in 300 s
Compatible Plates	ELISA, cell culture, PCR and deep-well plates
Platform	Drawer-type sliding platform
Operation	Manual lever
Protection	Over-heating protection device
Power	400 W
Dimensions (D × W × H)	324 × 216 × 353 mm
Weight	11 kg

PROBLEMS THE MANUAL MICROPLATE HEAT SEALER SOLVES

Uneven seals from hand rolling	Set temperature, time and pressure give consistent sealing.
One sealer cannot fit tall plates	Plate height from 9 to 48 mm is supported.
Waiting for the sealer to warm up	It reaches 170°C in 300 seconds.
Risk of overheating	An over-heating protection device is included.

DISPLAY & DATA

Evaporation from wells during storage or cycling	Heat seals close each well firmly.

Applications

- **Sealing PCR plates before thermal cycling**
- **Sealing ELISA and cell culture plates**
- **Sealing deep-well plates for long-term sample storage**
- Preventing evaporation in colorimetric and fluorescence assays

Reducing cross-contamination between wells

Heating

- Sealing temperature 80-200°C, ±1°C accuracy
- Rapid heating to 170°C in 300 s
- Over-heating protection device

Handling

- Accepts plates 9-48 mm high
- Drawer-type sliding platform
- Works with different microplates and heat seals
- Simple, economical manual operation

Standard Accessories Included

- Manual microplate heat sealer main unit

Optional Accessories

- No optional accessories are listed for this model; contact our team for compatible items.