

Link do produktu: <http://www.novazym.sklep.pl/semi-automated-plate-sealer-p-512.html>



Semi Automated Plate Sealer

Dostępność

Dostępny

Opis produktu

Semi Automated Plate Sealer

The SealBio-2 Plate Sealer is a semi-automatic thermal sealer which is ideal for the low to medium throughput laboratory that requires uniform and consistent sealing of micro-plates. Unlike manual plate sealer, the SealBio-2 produces repeatable plate seals. With variable temperature and time settings, sealing conditions are easily optimised to guarantee consistent result, eliminating sample loss. The SealBio-2 can be applied in product's quality control of many manufacture enterprise such as plastic film, food, medical, inspection institute, scholastic scientific research and teaching experiment. Offering complete versatility, the SealBio-2 will accept a full range of plates for PCR, assay or storage applications.

Features

1. Format different micro well plates and heat seals
2. Adjustable Sealing Temperature: 80 - 200?
3. OLED display screen, high light and no visual angle limit
4. Precise temperature, timing and pressure for consistent sealing
5. Automatic counting function
6. Compact footprint: only 7.0 inches (17.8cm) wide



Control

The SealBio-2 Semi Automated Plate Sealer allows optimal settings for all types of plates and sealing material. Sealing time and temperature can be set using the control knob



1. Sealing Temperature in 1.0°C increments
2. Sealing Time in 0.1 sec increments
3. Automatic Counting Function

Specification

1. Display: OLED
2. Adjustable Sealing Temperature: 80 - 200°
3. Temperature accurate: 1.0°
4. Seal time: 0.5s?10s?increased by 0.1 sec.
5. Input power: 300W
6. Dimension(D×W×H): 370mm×178mm×330mm
7. Weight : 9.6kg
8. Seals plate heights: 9 to 48mm high
9. Compatible Plate Materials: PP (Polypropylene)
PS (Polystyrene)
PE (Polyethylene)
10. Compatible Plate Types: Standard Assay Plates,
Deep-Well Plates
PCR Plates including skirted

Security and Energy Saving Functions

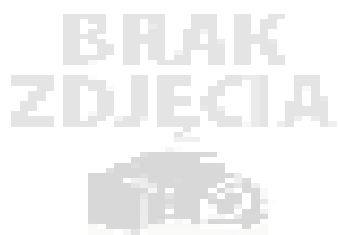
The drawer is controlled by high grad MCU, if a hand or objects blocked the drawer when it's moving, the drawer motor will automatically reverse. This feature prevents injury to the user and unit

Special and smart design on the drawer, it's detachable from the main device. So user can maintain and clean easily the heating element

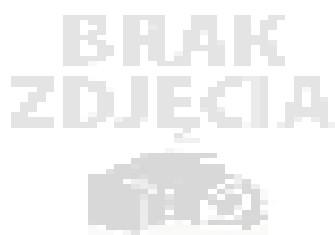
When the unit is left idle more than 60min, it automatically switches into stand-by mode during which the temperature of the heating element is reduced to 60°C to save energy

When the unit is left idle more than 120min, it switches off automatically for added safety. It switched off the display and heating

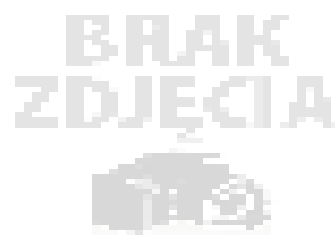
Accessories



96-well PCR plate adapter



Standard plate adapter



Weighted sealing flake

Simple 4 step operation

Step.1 Pull the drawer

Step.2 Put the adapter, plate



Step.3-1 Put a sealing film

Step.3-2 Put the weighted sealing flake if the film is curly

BRAK
ZDJĘCIA



Step.4 Press "RUN" key

BRAK
BRAK
ZDJĘCIA



Remark: When using the weighted sealing flake, the recommended sealing times should be increased by 1 second!