

# Semi-Automated Sheet Heat Sealer

The Semi-Automated Sheet Heat Sealer is compatible with a wide range of seals and plates of differing designs and heights.

With variable temperature and time settings, sealing conditions are easily optimized to produce a tight seal, eliminating sample loss.

Plate and seal are placed on the holder, the "Operate" button pressed and the drawer automatically closes. The sealing process is controlled by an electric mechanism.

Heat sealers provide a mechanism for controlled plate sealing, eliminating variation and giving consistent sealing every time.



## Features

- Variable time and temperature control
- Simple, three button operation
- Real-time temperature display
- Auto stand-by function and switch-off mode
- Compatible with all SBS microplates
- Small footprint
- RS-232 serial port
- SiLA compatible
- 12 month warranty

## Benefits

- Enables optimization of any seal / plate type
- Ease of use
- Rapid heating element enables fast start-up, saving time
- Conserves energy by reducing temperature of heating element down to 60°C or switching off after defined time
- Flexibility for wide range of consumables, e.g. competitor plates
- Minimal bench space
- Enables full integration within robotic automation systems
- Easy integration with SiLA compliant devices using SiLA driver
- Instrument reliability

## Technical Specifications

Parameter	Value
Dimensions (W x L x H)	181 x 275 x 310 mm
Sealing Temperature Range	60-200°C
Sealing Time Range	0-10 sec
Weight	9 kg
Power Supply	110/230V
Power Consumption	300 W (max)
Connection	RS-232 serial port

# Semi-Automated Sheet Heat Sealer

## The Semi-Automated Sheet Heat Sealer Is Compatible With A Wide Range Of Seals & Plates Of Differing Designs & Heights

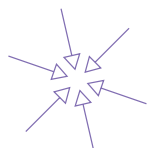


Reproducible Sealing

### Adapters

The Semi-Automated Sheet Heat Sealer employs a unique and cost saving adapter system

- Deep well plates and most other skirted plates can be sealed on the standard plate support adapter (59-2001)
- For all other 96 well PCR plates, an additional plate support adapter (59-2003, optional extra) must be used
- Both adapters can also be combined for easier handling of shallow plates such as 384 well PCR plates.
- For best sealing results with Individual Access seals, 8 different adapters are available to offer the perfect plate support and seal alignment



Highest Flexibility

### Sealing Aids

- For better sealing of films which have a tendency to curl, Azenta offers sealing aids
- A sealing frame for use with all other plate designs is supplied when ordering the optional 59-2003 plate support adapter

### Plate Formats

The following plate formats can be used with the appropriate plate adapter:

- Standard SBS footprint PP & PS plates & deepwell blocks
- PCR plates (skirted, semi-skirted and non-skirted formats)

## Ordering Information

<b>Semi-Automated Sheet Heat Sealer</b> Includes: Power cord, manual, standard plate support adapter (59-2001), 12 months parts and labour warranty	
<b>59-2000</b>	<b>Semi-Automated Sheet Heat Sealer</b> , includes adapter (59-2001)
<b>Accessories</b>	
<b>59-2001</b>	<b>Semi-Automated Sheet Heat Sealer Adapter, for skirted 96 and 384 well plates</b> , 1 adapter per case
<b>59-2002</b>	<b>Semi-Automated Sheet Heat Sealer Adapter, for Roche 1536 well PCR plates</b> , 1 adapter per case
<b>59-2003</b>	<b>Semi-Automated Sheet Heat Sealer Adapter, for 96 well PCR plates</b> , includes Semi-Automated Sheet Heat Sealer Sealing Frame (59-2009) 1 adapter and frame per case
<b>59-2004</b>	<b>Semi-Automated Sheet Heat Sealer Adapter, for 384 well PCR plates</b> , 1 adapter per case
<b>59-2005</b>	<b>Semi-Automated Sheet Heat Sealer Adapter, for Individual Access plates</b> , 1 adapter per case
<b>59-2006</b>	<b>Semi-Automated Sheet Heat Sealer Adapter, for 96 and 384 well storage plates</b> , 1 adapter per case
<b>59-2007</b>	<b>Semi-Automated Sheet Heat Sealer Adapter, for 4TI-LB0109 and 96 well PCR plates</b> , 1 adapter per case
<b>59-2008</b>	<b>Semi-Automated Sheet Heat Sealer Weighted Sealing Platen</b> , 1 platen per case
<b>59-2009</b>	<b>Semi-Automated Sheet Heat Sealer Sealing Frame, for use with Semi-Automated Sheet Heat Sealer Adapter</b> , for use with 59-2003, 1 frame per case



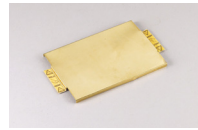
59-2001  
Plate Support  
Adapter, Standard



59-2003  
Plate Support  
Adapter, PCR 96



59-2005  
Plate Support  
Adapter, Individual  
Access, Low Profile



59-2008  
Weighted Sealing  
Platen



59-2009  
Sealing Frame



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