

# G5585B PlateLoc Thermal Microplate Sealer Quick Guide



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# About this guide

This guide summarizes the operator instructions in the *PlateLoc Thermal Microplate Sealer User Guide*.

This guide assumes that the PlateLoc Sealer is installed correctly. For installation details, see the *PlateLoc Thermal Microplate Sealer User Guide*.

### **Firmware version**

This guide documents PlateLoc firmware version 6.2.0.

#### Where to find the user documentation

You can access the user guides for Agilent Automation Solutions products in the following ways:

• Visit the online VWorks Knowledge Base at www.agilent.com/chem/askb.

If you are using the VWorks software, select Help > Knowledge Base or press F1 to open the locally installed help system. Or, select Start > Agilent Technologies > VWorks Knowledge Base from the Windows desktop.

• Download a pdf from www.agilent.com.

## **Contacting Agilent Technologies**

Web: https://www.agilent.com

Contact page: https://www.agilent.com/en/contact-us/page Documentation feedback: documentation.automation@agilent.com

# Safety information

## Before using the PlateLoc Sealer

Make sure that you are properly trained in:

- General laboratory safety
- The correct and safe operation of the PlateLoc Sealer
- The correct and safe operation of lab automation systems or components used in combination with the PlateLoc Sealer

If you are the person in your organization responsible for training others on the PlateLoc Sealer and you have a safety question, contact Technical Support.

## Safety standards

The PlateLoc Sealer complies with the applicable EU Directives and bears the CE mark. See the Declaration of Conformity for compliance details.

#### General precautions

For the general safety precautions, the intended product use statement, and the list of safety labels, see the *Automation Solutions Products General Safety Guide*.

#### Chemical hazards



To avoid potential injury, do not use chemicals that have low flash points in the PlateLoc Sealer. Such chemicals include reagents that are used in radioactive scintillation proximity assays (SPAs) and solvents, including alcohols.

#### High-temperature hazard



The hot surfaces in the PlateLoc Sealer can cause a burn injury. Do not touch the PlateLoc Sealer or pry open the door while it is in operation. Use care when accessing the PlateLoc Sealer interior after the device is warmed up. Do not reach into the PlateLoc Sealer when it is warmed up to a high temperature. Do not touch the hot plate with your bare hands.

## WARNING

A freshly sealed microplate might still be hot from the sealing process. To prevent potential injury, use caution when removing a sealed microplate from the PlateLoc Sealer.



#### Moving-parts hazards

The PlateLoc Sealer contains moving parts that can cause injury. Under normal operating conditions, the PlateLoc Sealer is designed to protect you from the moving parts. The door sensor is designed so that the seal cycle cannot start unless the door is closed.

## WARNING

Do not disable the door sensor or attempt to access the interior of the device through any other openings. Exposure to the moving parts, such as the heated metal plate (hot plate) or the seal-cutting blade can cause severe injuries.

## Gas hazards



Working with open, charged air lines can result in injury. Turn off the compressed air line when disconnecting or reconnecting the PlateLoc Sealer. Contact your facilities department or Agilent Technical Support with questions about setting up the air line.



Gas-Purging PlateLoc only. Argon is an odorless, colorless, and nontoxic gas that can cause rapid suffocation by displacing air. Use the Gas-Purging PlateLoc only in a well-ventilated lab area. Turn off the argon gas source when the product is not in use.

# Getting started

## Turning on and turning off the power

Before turning on the PlateLoc Sealer, make sure:

- The lab requirements are met.
- You have properly installed the PlateLoc Sealer.
- You are trained in the proper operation of the PlateLoc Sealer.

The on/off switch is on the back of the PlateLoc Sealer.



#### To turn on the PlateLoc Sealer:

Press the on/off switch to the on position (I).

If you have not yet turned on the air, the touchscreen displays the Insufficient Air Pressure error message. See "Turning on and turning off the air" on page 5. If you have not yet connected the air supply to the PlateLoc Sealer, see the *PlateLoc Thermal Microplate Sealer User Guide*.

#### To turn off the PlateLoc Sealer:

Press the on/off switch to the off position (**o**). The touchscreen turns off.

#### Turning on and turning off the air

Before turning on the air, make sure:

- You have properly installed the PlateLoc Sealer.
- The air is turned on at the source (house, cylinder, or pump) and the air pressure and flow rate meet the PlateLoc Sealer requirements.
- The PlateLoc Sealer is turned on.

The AIR ON/OFF switch is on the back of the PlateLoc Sealer.



#### To turn on the air:

Push the AIR ON/OFF switch to the ON position.

When you turn on the air, the PlateLoc Sealer door opens. If this is the first time you are turning on the air, you must remove the packing foam inside the sealing chamber before you can use the device.

#### To check that air is flowing into the device:

Check the pressure gauge on the back of the PlateLoc Sealer. If air is flowing into the device, the gauge should show a non-zero pressure value.

If the gauge shows 0 psi, check the air tubing connections and the connections at the source (house, cylinder, or pump).

## IMPORTANT

The pressure reading on the back of the PlateLoc Sealer might be different from the value shown on the touchscreen. The pressure gauge on the back of the PlateLoc Sealer should be used to determine the presence of air flow only. To check the air pressure inside of the device, view the air pressure information displayed on the touchscreen.



### Checking the internal air pressure

#### To check the internal air pressure:

On the touchscreen **Home** page, locate the **Air Pressure** readout. The regulated air pressure should be approximately 0.599–0.62 MPa (87–90 psi).



#### To turn off the air:

Push the AIR ON/OFF switch to the OFF position.

## Loading and unloading a roll of seal

Make sure you have the supplied seal-loading card.

#### To warm up or cool down the PlateLoc Sealer:

- 1 On the touchscreen, press 0 to display the Settings pages.
- 2 Set the **Seal Temp** to a value from 30 to 40 °C.

*Note*: Press **(** or **)** to adjust the value down or up in 0.5 °C increments.



**3** Press **Save** to save the new Seal Temp value.

4 Press indicating that the PlateLoc Sealer is warming up or cooling down to the new set temperature.



**5** Wait for the PlateLoc Sealer to warm up or cool down to the set temperature. The Home page displays the Ready message and the Run button is available when the temperature is within the set range.

ඛ	Ready	
ঞ	Seal Time	0.5 s
1	Seal Temp. Set Temp.	<b>35</b> ℃
	Air Pressure	90 psi
L		Run

#### To assemble a roll of seal on the axle and hubs:

- 1 Remove the seal roll (1), seal-roll hubs (2), and axle (3) from their packaging. See the following figure.
- 2 Screw one of the hubs onto the axle.
- **3** Place the axle through the hole at the center of the seal roll. Make sure the hub fits snugly against the roll.
- 4 Screw the second hub onto the axle so that the roll is firmly secured between both hubs.



**5** Using scissors, cut off any wrinkled or torn material from the end of the seal so that the end of the seal has a clean, straight edge.

## CAUTION

The PlateLoc Sealer will not seal microplates properly if the seal is wrinkled or torn.

#### To mount the seal roll on the seal-roll supports:

- 1 Orient the roll, and set the assembled seal roll onto the seal-roll supports (1) as shown in the following figure. Notice that the end of the seal material rolls out from under the roll.
- 2 Pull the seal from under the cross-beam (2), as the following figure shows.



#### To insert the seal into the PlateLoc Sealer:

1 On the back of the PlateLoc Sealer, push down the red recessed open-gripper button until it clicks.

Pressing the button opens the seal gripper inside the device.



- **2** Remove the strip of paper that covers the adhesive on the end of the seal-loading card.
- **3** Follow the instructions on the card to:
  - **a** Attach the end of the seal to the card.
  - **b** Insert the card into the seal entry slot on the back of the PlateLoc Sealer.
  - **c** Push the card into the PlateLoc Sealer until it protrudes beyond the chamber doorway at the front of the device.



**d** Pull the card through the PlateLoc Sealer so that the end of the seal is past the plate stage.





**4** While maintaining the alignment of the seal with the plate stage, press the silver close-gripper button on the back of the PlateLoc Sealer until it clicks. The red open-gripper button pops back up.

Pressing the silver button closes the gripper and holds the seal in place inside the device.



**5** Turn the seal roll to remove excess slack in the seal.



- **6** Load a plate stage on the plate-stage support.
- 7 Load a spare microplate on the plate stage.

- **8** Hold the seal-loading card at the touchscreen level, keeping the tension on the card.
- 9 On the touchscreen Home page n, press **Run**. Continue to keep the tension on the card as the seal feeds through the PlateLoc Sealer.

The purpose of this seal cycle is to cut the seal and prepare it for use. The seal is not applied to the spare microplate.

**10** If an error displays on the touchscreen, press **Clear** to clear the error. Press **Run** again to make sure that the seal will apply to the spare microplate.

#### Unloading procedure

#### To unload a roll of seal:

1 Power cycle the PlateLoc Sealer by turning off and turning on the device.

Power cycling resets the components inside the device and removes the hold on the seal.

**2** On the back of the PlateLoc Sealer, push down the red recessed gripper-release button until it clicks.

Pressing the button opens the seal gripper inside the device.



- **3** Pull the seal out of the slot.
- 4 Lift the seal roll off of the seal-roll supports.
- **5** Unscrew one hub from the axle.
- 6 Remove the roll from the axle.

# Sealing microplates

## Loading an insert and a microplate

Before you load an insert or microplate, make sure:

- The PlateLoc Sealer is turned on.
- The air is turned on and the door is open.
- The seal is properly loaded.
- *Lab automation systems only.* Communication between the controlling computer and the PlateLoc Sealer is established.
- The sealing parameters are set correctly.
- The PlateLoc Sealer is warmed up or cooled down to the sealing temperature.

#### Standalone device procedure

#### To load a microplate and an insert in the standalone device:

- 1 Place the removable plate stage (1a) on the plate-stage support (1b), as the following figure shows.
- 2 Optional. Place the insert (2) on the plate stage.
- **3** Place the microplate (**3**) on the insert or plate stage. Make sure the microplate is level and the microplate skirt is within the raised tabs on the plate stage.



#### Lab automation system procedure

If the PlateLoc Sealer is installed in a lab automation system, you need to load the insert before you start the protocol run. During the run, the robot loads the microplates automatically. You do not need to manually load each microplate.

#### Setting the sealing parameters

Before you set the sealing parameters, make sure:

- The PlateLoc Sealer is turned on.
- The air is turned on.
- The seal is properly loaded.
- *Lab automation systems only.* Communication between the controlling computer and the PlateLoc Sealer is established.

Agilent recommends that you perform seal optimization tests to determine the optimal seal time and temperature. For general optimization guidelines, see the *PlateLoc Thermal Microplate Sealer User Guide*.

The seal time and temperature you specify depends on the type of microplate and the type of seal you are using. For the most up-to-date starting point settings, see the *Seal Selection Guide*. You can locate the guide in the Literature section of the PlateLoc Sealer product page.

#### Standalone device procedure

#### To set the sealing parameters on the touchscreen:



**1** Press 🕸 to display the Settings pages.

- 2 In the **Settings 1/5** page, set the following values:
  - Seal Time. The duration (seconds) that the hot plate will be in contact with the seal material and microplate.
  - Seal Temp. The hot plate temperature (°C) when the seal cycle starts.
  - **Gas Purge Time**. *Gas-Purging PlateLocs only*. The amount of time (seconds) the microplate will be exposed to argon before the microplate is sealed.

Press **(** or **)** to change the value for the corresponding setting.

**3** Press **Save** to save the new settings.

The touchscreen automatically returns to the 
Home page. Status messages
appear at the top of the Home page, such as, Warming up, Cooling down, or Ready.





You can also monitor the following:

- Seal Time displays the time remaining in the seal cycle.
- **Seal Temp** displays the current temperature. The text turns blue when the hot plate temperature is within Set Temp run temperature range.

*Note:* The touchscreen readout displays the temperature as measured on the opposite side of the hot plate sealing surface. The actual temperature of the sealing surface may vary slightly.

#### Selecting and editing a saved method (touchscreen)

#### To select and edit a saved plate sealing method:

1 On the touchscreen, press 📋 to display the Preset page.

ඛ	Preset			
		Time	Temp.	Purge
5	Preset 01	1.0	110	0.5
523	Preset 02	1.2	170	0.5
	Preset 03	1.5	175	0.5
	Preset 04	1.2	185	0.5
	Preset 05	1.5	185	0.5 🔻
	Preset 06	2.5	190	0.5
	Preset 07	0.5	30	0.5
	Preset 08	0.5	150	0.5
	Preset 09	0.5	150	0.5
	Preset 10	0.5	150	0.5
L			Edit	Select

- 2 Press or to move the highlight to the desired Preset row, and then do one of the following:
  - To use the highlighted Preset without changing it, press **Select**. The selected values are loaded to settings on the Home page.

Status messages appear at the top of the Home page, such as, Warming up, Cooling down, or Ready.

- To edit the highlighted Preset, press **Edit**, and then proceed to step 3.
- 3 In the Preset edit page, set the following:
  - Seal Time. The duration (seconds) that the hot plate will be in contact with the seal material and microplate.
  - Seal Temp. The hot plate temperature (°C) when the seal cycle starts.
  - **Gas Purge Time**. *Gas-Purging PlateLocs only*. The amount of time (seconds) the microplate will be exposed to argon before the microplate is sealed.

Press **(** or **)** to change the value for the corresponding setting.

ඛ	<	Preset 7	
ŝ	Seal Time	<b>0.5</b> s	
ì	Seal Temp.	<b>20</b> ∘c	${} \bullet \bullet$
	Gas Purge Time	<b>0.5</b> s	
Ŋ		Reset	Save

4 Click Save to save the edits for the Preset.

**5** To load the values for the edited Preset, highlight the corresponding Preset row on the Preset page, and then press **Select**.

	Preset				
		Time	Temp.	Purge	
502	Preset 01	1.0	110	0.5	
522	Preset 02	1.2	170	0.5	
	Preset 03	1.5	175	0.5	
ð	Preset 04	1.2	185	0.5	
<b>I</b>	Preset 05	1.5	185	0.5	•
	Preset 06	2.5	190	0.5	
	Preset 07	0.5	30	0.5	
	Preset 08	0.5	150	0.5	
	Preset 09	0.5	150	0.5	
	Preset 10	0.5	150	0.5	
Ľ			Edit		Select

The Home page displays the selected preset. Status messages appear at the top of the Home page, such as, Warming up, Cooling down, or Ready.

#### Lab automation system procedure

In the VWorks software, you set the sealing parameters when you set the Seal (PlateLoc) task properties. For details, see the *VWorks Automation Control User Guide*.

If the PlateLoc Sealer is integrated with third-party software, see the *PlateLoc Sealer ActiveX version 13.0 User Guide.* 

#### Starting the seal cycle

Before you set the seal cycle, make sure:

- The PlateLoc Sealer is turned on.
- The air is turned on and the internal air pressure is 87–90 psi.
- The seal is properly loaded.
- *Lab automation systems only.* Communication between the controlling computer and the PlateLoc Sealer is established.
- You have set the correct sealing parameters.
- Standalone PlateLoc Sealer only. The microplate is loaded.

#### Standalone device procedure

#### To use the touchscreen to start the seal cycle:

- 1 If not already displayed, press  $\widehat{}$  to go to the Home page.
- 2 Verify the following:
  - The correct values are specified for **Set Time** and **Set Temp**.
  - At the top of the page, the status bar displays **Ready**.



3 Press Run. The microplate moves into the sealing chamber and the door closes. The seal cycle begins. The status bar at the top of the touchscreen displays In Progress.



*Gas-Purging PlateLoc only.* If the Gas Purge Time is greater than 0.0 seconds, the argon fills the sealing chamber for the specified amount of time before the seal is applied. The argon automatically turns off just before the seal is applied.

*Note*: If the Run button is unavailable, the PlateLoc Sealer is warming up or cooling down. You cannot start the seal cycle until the PlateLoc Sealer is within the run temperature range of the specified Set Temp.

Note: If an error occurs during the seal cycle, the cycle is aborted.

#### After the seal cycle is finished:

When the seal cycle is finished, the Status message changes to Ready. The door opens. The microplate moves out of the sealing chamber.

## WARNING

Do not handle the microplate immediately after the seal cycle is finished. The sealed microplate and the insert might be hot.

Wait a few seconds, and then remove the sealed microplate and insert from the plate stage.

#### If you have finished using the PlateLoc Sealer:

- **1** Turn off the PlateLoc Sealer.
- 2 Turn off the air at the back of the PlateLoc Sealer or at the source (house, cylinder, or pump).

#### Lab automation system procedure

You can start one or more seal cycles when you start the protocol run in the VWorks software. For detailed instructions, see the *VWorks Automation Control User Guide*.

#### Stopping a seal cycle

#### Standalone device procedure

To use the touchscreen to stop a seal cycle:

On the Home page, press Stop.



#### To stop a seal cycle in an emergency:

If the Stop button on the touchscreen is not responding fast enough, turn off the PlateLoc Sealer (1). The on/off switch is on the back of the device. Alternatively, you can disconnect the power to the PlateLoc Sealer (2).



#### Lab automation system procedure

For instructions on how to stop a seal cycle from the VWorks software, see the VWorks Automation Control User Guide.

# Touchscreen menus and commands

## Navigation pane

ඛ	Ready	
٢ <u>ې</u>	Seal Time         0.5 s           Set Time         0.5 s	
ì	Seal Temp.         103 ℃           Set Temp.         103 ℃	
S.	Run	
lcon	Description	
Â	Displays the Home page.	
ŝ	Displays the Settings pages, wh parameters and view informatic	ich enable you to adjust sealing on about the device.

lcon	Description
	Displays the Preset page, which enables you to select from a list of saved plate-sealing methods.
L.	Agilent factory and service personnel only. Displays a keypad that authorized Agilent personnel use to display the Platel oc service pages to set up the device and troubleshoot
	problems.

## WARNING

Using the commands in the Service pages can expose you to potential injury and cause equipment damage. The Service pages are for use by Agilent factory and service personnel only.

## Home page



#### Control or indicator Description

Status bar	Spans the top of the page and displays messages about the PlateLoc status. Possible values are:
	• <i>Ready</i> . The PlateLoc is within range of the specified Set Temp and is ready for a run.
	• <i>Warming Up</i> . The PlateLoc is in the process of warming up to the specified Set Temp.
	• <i>Cooling Down</i> . The PlateLoc is in the process of cooling down to the specified Set Temp.
	• In Progress. The PlateLoc is in the process of sealing a microplate.
	• <i>Error.</i> The PlateLoc has encountered an error during the seal cycle.

Control or indicator	Description
Seal Time	Displays the time remaining (seconds) in the current seal cycle.
	Note: The seal time counts down when the seal cycle starts.
Set Time	Displays the duration (seconds) that the hot plate will be in contact with the seal material and the microplate, as specified in the Settings pages.
Seal Temp	Displays the current temperature (°C) of the hot plate.
	• The text turns blue when the hot plate temperature is within the Set Temp run temperature range.
	• The text is grayed when the hot plate temperature is above or below the Set Temp.
	<i>Note</i> : The actual temperature of the sealing surface does not match the touchscreen Seal Temp readout. The touchscreen readout displays the temperature as measured on the opposite side of the hot plate sealing surface.
Set Temp	Displays the temperature (°C) setting specified in the Settings pages.
Air Pressure	Displays the device regulated air pressure (psi).
	The regulated air pressure should be approximately 0.599–0.62 MPa (87–90 psi).
Vacuum Readings (3 values)	If View Vacuum Readings is set to On in the Settings page 3/5, the Home page displays vacuum pressure readings (inHg) for the following PlateLoc components:
	• Gripper (Gr)
	Slider plate (SI)
	• Hot plate (Ht)
	Example of Vacuum Readings display:
	Gr: 0.3/SI: 0.3/Ht: 0.4 "Hg
RUN/STOP	Starts the seal cycle or stops the seal cycle in progress.
	<i>Note</i> : When a seal cycle is in progress, the button changes to STOP.

## Settings pages

## Settings 1/5



Control or indicator	Description
Seal Time	Sets the amount of time (seconds) the hot plate will be in contact with the sealing material and the microplate.
	Press 【 or ▶ to adjust the value down or up in 0.5-second increments.
	Default: 0.5 s
	Range: 0.5 to 12.0 s
Seal Temp	Sets the temperature (°C) of the hot plate when the seal cycle starts.
	Press <b>〈</b> or <b>〉</b> to adjust the value down or up in 0.5 °C increments.
	Default: 20 °C
	Range: 20.0 to 200.0 °C
Gas Purge Time	Available for Gas-Purging PlateLoc only. Sets the amount of time (seconds) the microplate is exposed to argon before the microplate is sealed.
	Press 【 or 🔰 to adjust the value down or up in 0.5-second increments.
	Default: 0.5 s
	Range: 0.0 to 25.0 s
Seal Counter	Displays the number of sealing cycles that have occurred since the last time the Reset button was pressed.
Reset	Resets the Seal Counter to 0.
Save	Saves changes to the Seal Time, Seal Temp, and, if applicable, the Gas Purge Time values.

Control or indicator	Description
Firmware version	Displays the version of the installed firmware for the device.

# Settings 2/5

ඛ	< Set	tings 2/5		>
ক্ষ	Screen Brightness	*∎∎	•	
ì	Sleep Mode	20	•	
el	Firmware 6.2.0		Save	2

Control or indicator	Description	
Screen Brightness	Sets the brightness of the touchscreen display. As you reduce the brightness, the text in the touchscreen dims.	
	To adjust the brightness, press ┥ or 🕨 .	
Sleep Mode	Turns on or off the Sleep Mode. When Sleep Mode is on, sets the time (minutes) to wait after a seal cycle completes before cooling down the device when not in use. During Sleep Mode, the device heaters and the touchscreen are off.	
	Press 🧹 or ▶ to select one of the following:	
	• 20 minutes	
	60 minutes	
	300 minutes	
	Off. Turns off the Sleep Mode.	



Indicator	Description
Cycle Mode (200)	Turns on or off the Cycle Mode. When set to On, the Cycle Mode places 200 seals on the current microplate.
	<i>Note:</i> This feature is typically used only by Agilent factory and service personnel.
	Press ┥ or ▶ to turn On or Off this feature.
View Vacuum Readings	Turns on or off the display of the vacuum pressure readings on the Home page.
	Press ┥ or ▶ to turn On or Off this feature.

## Settings 4/5



Indicator	Description
Gas Purge	Displays No or Yes to indicate if the device is a Gas- Purging model.
Small Hot Plate	Displays No or Yes to indicate if the device is fitted with a small hot plate.
Cycle Count	Displays a running total of all the seal cycles that this device has run.

ඛ	< Settings 5/5 Seal Clearing Mode	Ready
ŝ	Start Press "Start" to lower temperature to a safe level. (45 °C)	र्ट्रे Start Press "Clear Seal" to clear
ì		jam or "Exit" to return to original temperature.
	ClearSeal	Clear Seal After the "Clear Seal" operation completes, press the Open-gripper button at the back of the unit and roll the
L	Exit	Exit spool to remove seal from the device. Then press "Exit" to reload the seal.

## Settings 5/5 Seal Clearing Mode

Control or indicator	Description
Start	Sets the PlateLoc temperature setpoint to 19 °C and cools the device until the temperature is 45 °C or less.
Clear Seal	Available only if the PlateLoc temperature is 45 °C or less. Press the button to perform the seal clearing operation. Repeat the Clear Seal operation as necessary to clear the seal.
Exit	Reinstates the original temperature setpoint and displays the "Start" button again.

## Preset page

ඛ	Preset	Time	Temn	Durae	
ŝ	Preset 01 Preset 02 Preset 03	1.0 1.2 1.5	110 170 175	0.5 0.5 0.5	
Ē	Preset 03 Preset 04 Preset 05 Preset 06	1.2 1.5 2.5	175 185 185 190	0.5 0.5 0.5	•
	Preset 07 Preset 08 Preset 09 Preset 10	0.5 0.5 0.5 0.5	30 150 150 150	0.5 0.5 0.5 0.5	
Ľ			Edit		Select

Control or indicator	Description
Preset 01 – 10	Displays the list of saved plate sealing methods that you can use.
	Note: By default, the recommended starting point settings for different seal and microplate types are stored as Presets 01–06. For the most up-to-date starting point settings, see the <i>Seal Selection Guide</i> .
Edit	Displays the Preset edit page where you can modify the seal time and temperature values for a highlighted preset.
	Press 本 or 💌 to highlight the desired row in the table.
Select	Loads the settings of the highlighted Preset row to the Home page.

Figure Example of Preset edit page



Control or indicator	Description
Seal Time (s)	Sets the amount of time (seconds) the hot plate will be in contact with the sealing material and the microplate.
	Press of or beta to adjust the value down or up in 0.5-second increments. Default: 0.5 s Range: 0.5 to 12.0 s
Seal Temp (°C)	Sets the temperature (°C) of the hot plate when the seal cycle starts.
	Press 【 or ▶ to adjust the value down or up in 0.5 °C increments. Default: 20 °C
	Range: 20.0 to 200.0 °C
Gas Purge Time	<i>Gas-Purging PlateLoc only</i> . Sets the amount of time (seconds) the microplate is exposed to argon before the microplate is sealed.
	Click the left or right arrow to adjust the value down or up in 0.5-second increments.
	Default: 0.5 s
	Range: 0.0 to 25.0 s
Reset	Resets the Preset settings to the default values.
Save	Saves the changes to the specified Preset.

## In This Guide

This guide summarizes the instructions in the user guide for the G5585B PlateLoc Thermal Microplate Sealer.

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