

# Agilent PlateLoc Thermal Microplate Sealer



## Specifications

Certification	
EU	CE Marking
Canada, USA NRTL	cCSAus
Australia	RCM
Korea	KC
Microplate height	
	Up to 51 mm (2")
Computer/software requirements	
Host computer	Windows 7 or Windows 10 64-bit operating system (not required for manual operation)
Software	Agilent VWorks Automation Control Software when part of an Agilent Workstation (VWorks software is not included with stand-alone instrument purchase). ActiveX CD to facilitate integration with third-party automation control software (included).
Interface	RS-232 Serial Port with DB9 connector
Dimensions/weight	
	Height: 58.4 cm (23") Width: 21.6 cm (8.5") Depth: 39.9 cm (15.7") Weight: 20 kg (45 lbs)
Heat Seal	
	Clear and aluminum seal rolls, pierceable and peelable options. More information can be found in the PlateLoc Thermal Microplate Sealer Consumable Selection Guide (5990-3659EN).
Labware compatibility	
Microplates	Meets ANSI/SBS 1-2004 through ANSI/SBS 4-2004 standard and are thermal sealing compatible (raised sample well rims). Skirtless and half-skirt PCR plates require additional Agilent PCR Plate Support, 96 Well.
Operating requirements	
Air	70.8 Lpm at 0.62–0.69 MPa (2.50 cfm at 90–100 psi)
Electrical	Operating AC current (typical) 100–120 VAC, 50/60 Hz      200–240 VAC, 50/60 Hz
Current (maximum)	4 A/120 V                      2.5 A/240 V
Environment	4–40 °C; 10–90 % RH, non-condensing; Pollution degree 2; Installation Cat. II
Performance	
Cycle time	Approximately 8 seconds per plate
Warm-up time	25 °C to 200 °C at 115 V (230 V) in less than 5 minutes (temperature set to 200 °C)
Cool-down time	90 Minutes (from 160 °C to comfortable touch temperature)
Sealing temperature	30 to 200 °C
Sealing technology	
	Thermal, roll fed Not designed for manual, individual cut sheet heat sealing Not compatible with pressure sensitive adhesive (PSA)-based sealing films
Warranty	
	12-Month instrument warranty - See Terms of Sale document
What's in the box	
	<ul style="list-style-type: none"> <li>• PlateLoc Thermal Microplate Sealer</li> <li>• One full roll of heat seal</li> <li>• Set of four Microplate Support Inserts</li> <li>• Air Connection Kit</li> <li>• RS-232 DB9 Serial Cable</li> <li>• Power cord</li> <li>• PlateLoc User Guide</li> <li>• USB to Serial Converter (RS-232 DB9 to USB-A)</li> </ul>

[www.agilent.com/lifesciences/automation](http://www.agilent.com/lifesciences/automation)

This information is subject to change without notice.

© Agilent Technologies, Inc. 2017, 2018  
Printed in the USA, July 16, 2018  
5991-7947EN