



Agilent 1260 Infinity Dual Loop Autosampler

Features, Specifications and Ordering Details



For High Sample Throughput

The Agilent 1260 Infinity Dual Loop Autosampler is designed for flexible sample handling for both analytical (up to 10 mL/min flow rate) to preparative scale purification (up to 100 mL/min flow rate). The dual loop autosampler is ideal for high throughput analysis. It can be upgraded from non-thermostatted to thermostatted version by adding the Agilent 1290 Infinity Thermostat.

Features

- Flexible injection volumes with 'fixed-dual loop' concept
- Dual loop design for high throughput analysis
- Injection of volumes > 5 mL possible. Multi-draw function that allows larger sample volumes
- Lowest carryover by external and internal needle wash mechanism
- Variable injection modes accommodating both vials and well plates
- Optional Peltier temperature control from 4 to 40 °C for protection of thermally labile samples



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Specifications – Agilent 1260 Infinity Dual Loop Autosampler

Specifications for the Agilent 1260 Infinity Dual Loop Autosampler	
Injection modes	Partial loop filling Complete loop filling
Injection range	0.1 - 5000 µL in 0.1 µL increments. Recommended injection range 10 - 5000 µL
Loop size	Max. loop size 5 ml (selectable range: 5 µL - 50000 µL)
Area precision Complete loop fill	Typically < 0.5% RSD (50 µL loop, overfill factor 3 or greater))
Area precision Partial loop fill	Typically < 1.0% RSD (5000 µL loop, 1000 µL injection volume, draw/eject speed 20 mL/min)
Sample viscosity range	0.2 - 5 cp
Sample capacity	2 well-plates (96 and 384) plus 10 additional 2-mL vials 108 x 2-mL vials in 2 x 54 vial plate plus 10 additional 2-mL vials 30 x 6-mL vials in 2 x 15 vial plate plus 10 additional 2-mL vials 54 Eppendorf tubes (0.5/1.5/2.0 mL) in 2 x 27 Eppendorf tube plate Vial septa and closing mats must be pre-slit.
Carryover	< 0.1% with rinse factor > 3 (see test method listing in manual)

Ordering Details – Agilent 1200 Infinity Series Autosamplers

Description	Product Number
Agilent 1260 Infinity Standard Autosampler Includes 100-vial (2-mL) thermostatted tray, 40-vial (2-mL) tray, 15-vial (6-mL) tray, electrically actuated 600-bar Rheodyne injection valve, and 0.5-m CAN cable.	G1329B
Expanded injection range with 900-µL syringe, head, loop capillary and injector needle installed and tested in the sampler.	G1329B#020
Multi-draw kit with loop capillaries to inject 500 and 1500 µL volume	G1329B #021
Agilent 1260 Infinity High Performance Autosampler Includes well-plate tray for two well plate and 10 x 2 mL vials, 2 x 54 (2 mL) vial plate, 600-bar Rheodyne injection valve, and 0.5-m CAN cable.	G1367E
Multi-draw kit with loop capillaries to inject 500 and 1500-µL volume	G1367E#021
40 µL injection kit for RRLC. Includes loop and analytical head.	G1367E#040
Agilent 1260 Infinity High Performance Micro Autosampler Includes micro autosampler with well-plate tray, 2 x 54 (2 mL) vial plate, electrically actuated Rheodyne micro injection valve, and 0.5 m CAN cable.	G1377A
Agilent 1260 Infinity Preparative Autosampler Includes 100-vial (2-mL) thermostatted tray, 15 x 6 mL half tray (2x), MBB Rheodyne injection valve and 0.5 m CAN cable.	G2260A
Agilent 1260 Infinity Dual Loop Autosampler Includes dual loop autosampler with two loops, tray for two well/vial-plates and 10 x 2 ml vials, Rheodyne injection valve.	G2258A
Agilent 1290 Infinity Autosampler Includes well-plate tray for two well plate and 10 x 2 mL vials, 2 x 54 (2 mL) vial plate, 1200-bar Rheodyne injection valve, and 0.5-m CAN cable.	G4226A
Agilent 1290 Series Thermostat Includes Peltier device to control the temperature of the Agilent 1200 Infinity Series autosamplers, fraction collectors and spotters.	G1330B
Agilent 1260 Infinity Manual Injector Includes 600-bar Rheodyne manual injection valve, 20 µL sample loop and mounting stand.	G1328C

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