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## ***G1329A Autosampler 100 µl metering head***

### **Performance Specifications**

Performance Specifications Agilent 1200 Autosampler (G1329A). Valid when standard 100 µl metering head installed.

Type	Specification
GLP features	Early maintenance feedback (EMF), electronic records of maintenance and errors
Communications	Controller-area network (CAN). GPIB (IEEE-448), RS232C, APG-remote standard, optional four external contact closures and BCD vial number output
Safety features	Leak detection and safe leak handling, low voltages in maintenance areas, error detection and display
Injection range	0.1 – 100 µl in 0.1 µl increments Up to 1500 µl with multiple draw (hardware modification required)
Replicate injections	1 – 99 from one vial
Precision	< 0.25 % RSD from 5 – 100 µl, < 1 % RSD 1 – 5 µl variable volume
Minimum sample volume	1 µl from 5 µl sample in 100 µl microvial, or 1 µl from 10 µl sample in 300 µl microvial
Carryover	Typically < 0.1 %, < 0.05 % with external needle cleaning
Sample viscosity range	0.2 – 50 cp
Replicate injections per vial	1 – 99
Sample capacity	100 — 2-ml vials in 1 tray 40 — 2-ml vials in 1/2 tray 15 — 6-ml vials in 1/2 tray (Agilent vials only)
Injection cycle time	Typically 50 s depending on draw speed and injection volume

## Physical Specifications

### Physical Specifications - Autosampler (G1329A / G2260A)

Type	Specification	Comments
Weight	14.2 kg (31.3 lbs)	
Dimensions (Height x Width x Depth)	200 x 345 x 435 mm (8 x 13.5 x 17 inches)	
Line voltage	100 – 120 or 220 – 240 VAC, $\pm 10\%$	Wide-ranging capability
Line frequency	50 or 60 Hz, $\pm 5\%$	
Power consumption (apparent power)	300 VA	Maximum
Power consumption (active power)	200 W	Maximum
Ambient operating temperature	4 – 55 °C (41 – 131 °F)	
Ambient non-operating temperature	-40 to 70 °C (-4 to 158 °F)	
Humidity	< 95 %, at 25 – 40 °C (77 – 104 °F)	Non-condensing
Operating Altitude	Up to 2000 m (6500 ft)	
Non-operating altitude	Up to 4600 m (14950 ft)	For storing the autosampler
Safety standards: IEC, CSA, UL	Installation Category II, Pollution Degree 2	For indoor use only



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