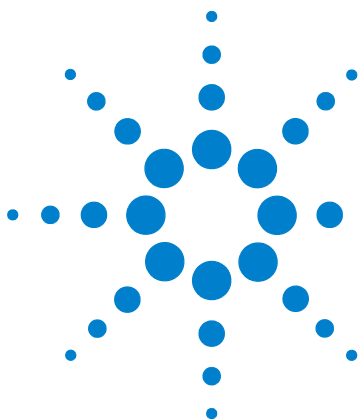


## Physical Specifications

**Table 20** Physical Specifications - sampler (G1367B/C / G1377A)

Type	Specification	Comments
Weight	15.5 kg (34.2 lbs)	
Dimensions (height × width × depth)	200 × 345 × 440 mm (8 × 13.5 × 17 inches)	
Line voltage	100 – 240 VAC, ±10 %	Wide-ranging capability
Line frequency	50 or 60 Hz, ±5 %	
Power consumption (apparent power)	300 VA	Maximum
Power consumption (active power)	200 W	Maximum
Ambient operating temperature	4 to 55 °C (41 to 131 °F)	
Ambient non-operating temperature	-40 to 70 °C (-4 to 158 °F)	
Humidity	< 95 %, at 25 to 40 °C (77 to 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	





## Injection Systems

### G1367B High Performance Autosampler and G1367C High Performance Autosampler SL

#### Performance Specifications

**Table 21** Performance specifications Agilent 1200 Series High Performance Autosampler and Agilent 1200 Series High Performance Autosampler SL

Type	Specification
GLP features	Early maintenance feedback (EMF), electronic records of maintenance and errors
Communications	Controller-area network (CAN). 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 $\mu$ l in 0.1 $\mu$ l increments Up to 1500 $\mu$ l with multiple draw (hardware modification required)
Precision	Typically < 0.25 % RSD from 5 – 100 $\mu$ l, Typically < 1 % RSD from 1 – 5 $\mu$ l variable volume
Pressure range	G1367B: up to 400 bar (5880 psi) G1367C: up to 600 bar (8700 psi)
Sample viscosity range	0.2 – 5 cp
Sample capacity	2 $\times$ well plates (MTP) + 10 $\times$ 2 ml vials 108 $\times$ 2-mL vials in 2 $\times$ 54 vial plate plus 10 additional 2 mL vials 30 $\times$ 6-mL vials in 2 $\times$ 15 vial plate plus 10 additional 2 mL vials 54 Eppendorf tubes (0.5/1.5/2.0mL) in 2 $\times$ 27 Eppendorf tube plate  Also compatible with the Agilent 1200 Series sample capacity extension for further expansion of the sample capacity
Injection cycle time	Typically < 30 s using following standard conditions: Default draw speed: 200 $\mu$ l/min Default eject speed: 200 $\mu$ l/min Injection volume: 5 $\mu$ l
Carry-over	Typically < 0.01 % using the following conditions: Column: 125 $\times$ 4 mm Hypersil ODS, 5 $\mu$ m Mobile phase: Water/Acetonitrile = 80/20 Flow rate: 1 ml/min Injection volume: 1 $\mu$ l caffeine (1 mg/ml), 5 $\mu$ l water to test carryover Outside wash of needle before injection: 20 sec with water using flush port

