

## Physical Specifications

**Table 3** Physical Specifications

Type	Specification	Comments
Weight	14.2 kg (32 lbs)	
Dimensions (height × width × depth)	200 × 345 × 435 mm (8 × 13.5 × 17 inches)	
Line voltage	100 – 240 VAC, ± 10 %	Wide-ranging capability
Line frequency	50 or 60 Hz, ± 5 %	
Power consumption	300 VA / 200 W / 683 BTU	Maximum
Ambient operating temperature	0–55 °C (32–131 °F)	See warning “Hot rear panel” on page 25
Ambient non-operating temperature	-40 – 70 °C (-40 – 158 °F)	
Humidity	< 95 % r.h. at 40 °C (104 °F)	Non-condensing
Operating altitude	Up to 2000 m (6562 ft)	
Non-operating altitude	Up to 4600 m (15091 ft)	For storing the module
Safety standards: IEC, CSA, UL	Installation category II, Pollution degree 2	For indoor use only.

### WARNING

#### Hot rear panel

Using the module at high environmental temperatures may cause the rear panel to become hot.

→ Do not use the module at environmental temperatures higher than 50 °C (122 °F)

## Performance Specifications Standard Autosampler

**Table 4** Performance Specifications Agilent 1260 Infinity Standard Autosampler (G1329B)

Type	Specification
Pressure	Operating range 0 - 60 MPa (0 - 600 bar, 0 - 8850 psi)
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 (recommended 1 $\mu$ L increments) Up to 1500 $\mu$ L with multiple draw (hardware modification required)
Replicate injections	1 – 99 from one vial
Precision	Typically < 0.25 % RSD of peak areas from < 5 $\mu$ L to 100 $\mu$ L Typically < 1 % RSD of peak areas from 1 $\mu$ L to 5 $\mu$ L
Minimum sample volume	1 $\mu$ L from 5 $\mu$ L sample in 100 $\mu$ L microvial, or 1 $\mu$ L from 10 $\mu$ L sample in 300 $\mu$ L microvial
Carryover	Typically < 0.1 %, < 0.05 % with external needle cleaning
Sample viscosity range	0.2 – 50 cp
Sample capacity	100 $\times$ 2 mL vials in 1 tray 40 $\times$ 2 mL vials in $\frac{1}{2}$ tray 15 $\times$ 6 mL vials in $\frac{1}{2}$ tray (Agilent vials only)
Injection cycle time	50 s for draw speed 200 $\mu$ L/min, ejection speed 200 $\mu$ L/min, injection volume 5 $\mu$ L
Metering device	Metering pump in high pressure flow path