

Physical Specifications

Table 2 Physical Specifications

Type	Specification	Comments
Weight	10.2 kg (22.5 lbs)	
Dimensions (width × depth × height)	410 × 435 × 140 mm (16.1 × 17 × 5.5 inches)	
Line voltage	100 – 240 VAC, ± 10%	Wide-ranging capability
Line frequency	50 or 60 Hz, ± 5%	
Power consumption	320 VA / 150 W / 512 BTU	Maximum
Ambient operating temperature	0 – 55 °C (32 – 131 °F)	
Ambient non-operating temperature	-40–70 °C (-4–158 °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 module
Safety standards: IEC, CSA, UL	Installation Category II, Pollution Degree 2	For indoor use only. Research Use Only. Not for use in Diagnostic Procedures.

Performance Specifications

Table 3 Performance Specifications Thermostatted Column Compartment

Type	Specification	Comments
Temperature range	10 degrees below ambient to 80 °C	G1316A
	10 degrees below ambient to 100 °C	G1316B (SL)/G1316C (SL Plus)
	up to 80 °C: flow rates up to 5 ml/min up to 100 °C: flow rates up to 2.5 ml/min	G1316A/G1316B (SL)/G1316C (SL Plus) G1316B (SL)/G1316C (SL Plus)
Temperature stability	± 0.15 °C	G1316A
	± 0.05 °C	G1316B (SL)/G1316C (SL Plus)
Temperature accuracy	± 0.8 °C	With calibration
	± 0.5 °C	
Column capacity	Three 30 cm	
Warm-up/co ol-down time	5 minutes from ambient to 40 °C	
	10 minutes from 40 – 20 °C	
Dead volume	3 µl left heat exchanger	i.d. 0.17 mm, see “Extended Specifications on G1316B SL/G1316C SL Plus” on page 30
	6 µl right heat exchanger	
Communications	Controller-area network (CAN), GPIB, RS-232C, APG Remote: ready, start, stop and shut-down signals, LAN via other 1200 series module	no GPIB on G1316B (SL)/G1316C (SL Plus)
Safety and maintenance	Extensive diagnostics, error detection and display (through control module and Agilent ChemStation), leak detection, safe leak handling, leak output signal for shutdown of pumping system. Low voltages in major maintenance areas.	

Table 3 Performance Specifications Thermostatted Column Compartment

Type	Specification	Comments
GLP features	Column-identification module for GLP documentation of column type, see “Column-Identification System” on page 13	
Housing	All materials recyclable.	

NOTE

All specifications are valid for distilled water at ambient temperature (25 °C), set point at 40 °C and a flow range from 0.2–5 ml/min.