



Agilent 3100 OFFGEL Fractionator - Specifications

Instrument

Type	Specification	Comments
Weight	14 kg (31 lbs)	
Dimensions (height x width x depth)	157 x 355 x 427 mm (6.2 x 14 x 16.8 inches)	
Line Voltage	100 – 240 VAC, +/- 10%	Wide ranging capability
Line frequency	50 - 60 Hz +/- 5%	
Power consumption	140 VA	
Ambient operating temperature	5 – 40 degree C	(41 – 104 °F)
Ambient non-operating temperature	-40 to 70°C	(-4 – 158 °F)
Humidity	< 80% at 40° C (104 °F)	Non-condensing
Operating altitude	Up to 2000 m (6500 ft)	
Non-operating altitude	Up to 4600 m (14950 ft)	
Safety standards IEC, CSA, UL	Installation Category II, Pollution Degree 2	
Flash Memory Card	512 MB storage capacity	
Platform temperature	Range: 10 C- 35 C Max. 10C below ambient Non condensing	
Power supplies	2 independent high voltage power supplies Voltage-Range: 0.5–10kV Current-Range: 0-150 uA/ Strip Power: 0-1 W/strip Modes: Constant Voltage Constant Current Constant Power Timetable programable	individual current control for each sample
Fractionation capacity	2 x 8 samples (12 or 24 fractions) in OFFGEL mode and IPG-IEF (in gel) on 2 individual trays	

Consumables

Type	Specification	Comments
Resolution	0.1 -0.6 pH units between neighboring fractions	Depending of kit used
Loading capacity	50 µg – 5 mg of total protein or peptide amount per sample	
Content	Each kit contains all chemical and consumables for 12 OFFGEL fractionations	Consult kit guide for detailed descriptions