HP 59987A
API-Electrospray

Agilent Technologies

Site Preparation Specification

Purpose of Procedure
To assure that the installation of instruments and systems can be completed successfully by careful preparation and evaluation of the installation site and by ensuring the availability of appropriate utilities, consumables and supplies.

Customer Responsibilities
Customers should ensure that all necessary operating supplies, consumables and usage dependent items such as columns, vials, syringes and solvents required for the successful installation of instruments and systems are available. Installation sites should be prepared in accordance with the following specifications.

Important Information
If you have problems in providing any of the following, please contact your local Agilent Technologies office for assistance. Assistance with user specific applications may be provided but should be contracted separately. Users of the instrument should be present throughout the installation and familiarization otherwise important operational, maintenance and safety information may be missed.

Procedure Checklist **Tick Boxes**

Dimensions and Weight ❑

Weight:	208 kg 457 lbs.	Height:	100 cm 39 in
Depth:	81 cm 32 in	Width:	61 cm 24 in

At least 90 cm (3 ft) on all sides of the instrument must be kept clear for maintenance.

Power Consumption ❑

Europe & USA:
200/220/240V AC (±5%)
30 amps
48-66 Hz
Stability:

Sags or surges:	<3 cycles duration <± 15% mean voltage
Transients:	spikes between 1 nano- second and 5 milli- seconds should be <± 50% mean voltage
RFI Susceptibility:	=500 mV per meter

Heat Dissipation ❑

9894 BTU / hour max

Exhaust Venting Requirements ❑

20 liters/min
Separate exhaust for pumps and API source.

Gas Supply ❑

Nitrogen, UHP grade (99.999%)
80-100 psi. (Two-stage regulator with at least one ¼ inch Swagelok outlet.)
Up to 20 liters/min. (A 200 liter dewar of liquid nitrogen is recommended as source of nitrogen.)

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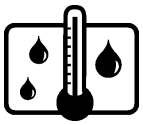
Environmental Conditions:

Tick Boxes



Temperature:	15° - 30° C (59° - 86° F) variations within ±3°C	❑
Rel. Humidity:	40-80% non-condensing, non-corrosive atmosphere	
Airborne dust:	maximum airborne particle density of 55 micrograms per M^3	