

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

Dimensions and Weight



Weight: 75 kg
200 lbs.

Height: 86 cm
34 in

HP 7680T Depth: 56 cm
21 in

Width: 75 cm
30 in

HP 7680A 48 cm

19 in

Allow adequate space for the computer, keyboard, mouse and printer. Allow 10 cm (4 in) space behind extractor for plumbing and heat dissipation.

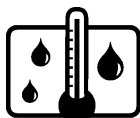
Power Consumption



Europe:
220-240V AC
(+/-10%)
47-63 Hz
748 VA max

USA:
120V AC
(+/-10%)
47-63 Hz
748 VA max

Environmental Conditions:



Temperature: Opt. Range
0° - 55° C
32° - 131° F
Rel. Humidity: 5 - 95%

(cont'd)

Tick Boxes



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Gas Selection



Tick Boxes

- ☐ Location
 - Within 2 m (8ft) of the extractor
 - Floor space, 52 cm (21 in) square
 - Provide proper cylinder supports
- ☐ Extraction Fluid:
 - Full length eductor or 'dip tube'
 - No helium filled headspace
 - SFE/SFC grade or better, stored in an aluminum cylinder
- ☐ Cryogenic CO₂
 - Full length eductor or 'dip tube'
 - No helium filled headspace
 - Grade 'bone dry' or 'CP', less than 50 PPM H₂O liquid
- ☐ Warnings and Cautions:
 - Potential explosion and toxicity hazards with non CO₂ based fluids
 - Supercritical nitrous oxide (N₂O) reacts explosively with oils and fats under some conditions
 - The wetted parts of the extractor are made of stainless steel, gold, PTFE, Vessel, nickel and PEEK, avoid fluids that attack any of these materials.

