

HP 241 Protein Sequencer

Site Preparation Checklist

Purpose of Procedure

To assure that the installation of HP 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 HP 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.*

Please ensure that you check the delivery of equipment carefully and notify HP if you suspect any damage has occurred prior to installation.

Procedure Checklist

Tick Boxes



Dimensions and Weight

Weight: 101.1 kg	Height: 66 cm
221.8 lbs	25.5 in
Depth: 53 cm	Width: 157.2 cm
20.5 in	61.65 in

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Environmental Conditions

Temperature:	20° - 30° C varying less than 3 degrees C
Rel. Humidity:	5-95% non-condensing

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Power

Line Voltage:	120 - 230 VAC (+5/-10%)
Power Consumption:	190 - 290 VA max
Line Frequency :	50 - 60 HZ
8 power outlet requirements	

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Gas Supply

One dual stage 125 psi (8.3 bar) output regulator, 1/4 in swage connection.
 One 80 psi (5.3 bar) dual stage regulator must be supplied for the Sample Prep Station ordered from Supelco, Inc.
 OMI-2 Indicating Purifier Tube, 1/4 in. (Supelco part number 2-3906)
 OMI-2 Installation Kit (PN 2-3921)
 Hydrocarbon Trap, 1/4 in. (PN2-2446M)
 Adapter (2), 1/4 in. SS (PN 2-2031)
 Adapter (2), 1/4 in brass (PN 2-2005)

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One or two Argon tanks with a suggested purity of 99.998%, are required for the sequencer.
Nitrogen of ultra-high purity, > 99.995% is required for the G1001A Sample Prep Station.

☐***Exhaust Venting Requirements***

The sequencer waste tubing must be vented separately from all other instruments to prevent any background contamination affecting the instrument.

The sequencer must be installed within 4.6m (15 ft) of an exhaust hood. The fume-hood should provide a slight negative flow to allow exhaust vapors to be drawn from the rear of the instrument. Provision for proper containment and disposal of organic waste must be made.

☐***Receive and Store Solvents/Reagents***

Please make sure that when the reagent kit arrives, you note the Received Date on each reagent bottle label and that you store the reagent as described by the conditions detailed on the label.

Tick Boxes