

Site Requirements

Biotage® Horizon 5000



Biotage® 1-Point Support™

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Dear Valued Customer

The following document will assist you in the preparation of your laboratory for a successful installation of Biotage® Horizon 5000. Please read and sign where indicated at the end of this document. Your signature validates that you have understood our requirements. We cannot guarantee a complete installation or demonstration if the requirements are not met. If you have any questions, please do not hesitate to contact Biotage® 1-Point Support™.

System Specifications to be Met

Please note: All items are mandatory, and must be within the immediate area of installation upon the technician's arrival. If items are not readily available, we will have to reschedule at the customer's expense.

Location	<p>Dimensions: 19 x 19 5/8 x 21 in. (48.3 x 49.9 x 53.3 cm) (W x D x H)</p> <p>Weight: 61.7 lbs. (28.0 kg)</p> <p>An additional 12 x 24 x 20 in. (31 x 61 x 51 cm) (W x D x H) of space should be allocated for the waste recovery bottles.</p>
Ventilation	<p>Solvent vapors from the disk holder are drawn through the extractor and must be adequately vented. There are two options for venting the Horizon 5000:</p> <p>Inside Chemical Fume Hood: No additional ventilation is required.</p> <p>Outside of Chemical Fume Hood: An exhaust hose of no more than 10 ft. (3.05 m) should be run from the extractor to a ventilation source. The Exhaust Kit (PN 49-5006-01) can be purchased separately.</p>
Electrical Supply (Region Dependant)	<p>One outlet is required per 3-Position Module:</p> <p>Line Voltage: 100-240 VAC (to the power supply)</p> <p>Line Frequency: 50-60 Hz</p> <p>Maximum Power: 300 W</p> <p>The proper power cord must be specified on the ordering document.</p> <p>One outlet will be required for the computer which will be used to control the extractor. For the power requirements for the computer, please reference the manufacture's documentation.</p> <p>It is highly recommended that all Modules be placed on an Uninterruptable Power Supply of 750 W or greater. At a minimum a surge suppressor is required.</p>
SPE Disks	<p>The Biotage Horizon 5000 is specifically tested to ensure its performance with Atlantic and Pacific brand disks, to ensure that the installer is aware of the specific needs of the site, please list all desired methods being run as well as the SPE Disks/Cartridges that have been purchased to meet these needs:</p> <p>Methods:</p> <p>SPE Disks/Cartridges:</p>
Gas (optional)	<p>If desired, nitrogen may be used to enhance certain processes on the Horizon 5000 provided that the optional Nitrogen Kit was purchased at the time of sale (PN 50-5085). A clean, dry, regulated source of nitrogen should be installed. The pressure should be regulated to within 60-80 psi. A 1/8 inch male NPT fitting is supplied with the kit. Any further fittings which are needed to adapt to this tubing must be supplied by the customer.</p>

PC Requirements (Minimum)

Processor: 4th Generation Intel Core i3, or equivalent, in either 32 or 64 bit.

Operating System: Windows 7 Professional, 32 or 64 bit.

Memory: 4 GB DDR

Screen:

- » Desktop: 20 in. (50 cm) or greater HD LCD
- » Laptop: 15 in. (38 cm) or greater
- » Resolution: 1024 x 768 px.

Graphics: Integrated

Hard Drive: 250 GB 5400 RPM SATA

Networking: Ethernet 100 Base T or greater

Sound: Required only for alert notifications

Software: Adobe Reader

USB: At least one USB 2.0 port per Horizon 5000

Please note that one PC can support up to four Horizon 5000 instruments provided there are sufficient USB ports available.

Solvents

HPLC or Pesticide grade solvents are recommended for conditioning the Solid-Phase Extraction (SPE) Disk as well as eluting the target analytes from the SPE Disk. The Horizon 5000 can accommodate most standard solvent bottle glassware. There are three types of Solvent Lines available for purchase with the Horizon 5000, ensure that the Solvent Lines ordered accommodate the Bottles being used:

- » Part Number: 49-5003 – Universal Solvent Lines
- » Part Number: 49-5002 – GL45 (Schott) Bottle Solvent Lines
- » Part Number: 49-5001 – 38 x 430 (Wheaton) Bottle Solvent Lines; includes (7) bottles

Company:

Customer Name:

Phone:

Signature: _____

Date: