

Site Requirements

Biotage® PhyPrep



Dear Valued Customer

The following document will assist you in the preparation of your laboratory for a successful installation of Biotage® PhyPrep. 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™. See below for contact details.

Customer Responsibility

Make sure your site meets these requirements, including the necessary ventilation, space and electric outlets, required for a successful installation of the system. Users of the system should be present throughout the installation and familiarization services; otherwise, they will miss important operational, maintenance, and safety information.

Fume Hood/Ventilation System

A laboratory with the capacity to handle leakage. Operate the system in a well-ventilated laboratory verified as meeting the requirements of a “non-hazardous area” with regard to potentially explosive atmosphere. For more information, see the Biotage® PhyPrep Installation and Safety Manual.

System Weights and Dimensions

The total weight of the system is 48 kg (105 lbs). Use suitable lifting equipment when moving the package. The dimensions of the system are (excluding the Panel PC):

- » Footprint (W x D): 530 mm x 720 mm (20.9” x 28.4”)
- » Height: 830 mm (32.7”)
- » Weight: 48 kg (105 lbs)

Make sure there is a dedicated location of the system prior to installation, that it fits into the laboratory and that there is sufficient space available for the system on the table. Make sure there is adequate space below the table for two waste carboys, the vacuum pump and on the right hand side of system for the display panel. It is highly recommended to use a rigid table for the system, suitable for robotic movements.

Panel PC Dimensions

The panel PC is installed to the side of the system and can be adjusted with ram mount ball adapters. The panel PC typically adds 330mm (13”) to the right and 430mm (17”) from benchtop.

Vacuum Dimensions

The vacuum pump and carboys are installed below the system. The footprint (W x D x H) of the vacuum pump: 245mm x 125 mm x 145 mm (20.9” x 28.4”).

The footprint (Ø x H) of the carboys: 280 mm x 540 mm.

Operating Environment

Operating temperature: 15–32 °C (59–90 °F)

Humidity: 20–95% RH

Altitude: up to 2000 m

Pollution Degree

The system shall be installed in a level 2 environment in accordance with EN 60664-1.

Electrical Supply

100–127/220–240 VAC, 50/60 Hz.

Connect only to a grounded outlet.

Max Power Consumed

580 VA (100 VA for only the instrument)

Signature: _____

Date: _____

Print name: _____

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