

## BioXp™ 9600 System Specifications

### BioXp™ System

The BioXp™ 9600 System is an automated synthetic biology workstation for building gene fragments and clones.

<b>Product Name</b>	BioXp™ 9600 System
<b>Catalog Number</b>	BX9600-01
<b>Description</b>	Automated synthetic biology workstation
<b>Power input voltage</b>	100 – 240VAC (50Hz /60Hz)
<b>Power input current</b>	< 10A
<b>Operating temperature range</b>	16 to 30 °C
<b>Storage temperature range</b>	0 to 45 °C
<b>Operating and storage humidity range</b>	10 to 90% (non-condensing relative humidity)
<b>Operating altitude</b>	Sea level to 1828 m
<b>Water ingress</b>	Non-immersion; protection for damp wipe only IP10.
<b>MTBF</b>	> 500 process runs
<b>Weight</b>	95 kg [210 US lbs]
<b>Dimensions (W × D × H)</b>	122 × 76 × 92 cm [48 × 30 × 36 in] with hood open

### BioXp™ Applications

The BioXp™ 9600 System is an automated synthetic biology workstation for building gene fragments and clones.

<b>Number of fragments per run</b>	Up to 96
<b>Number of clones per run</b>	Up to 96
<b>Format</b>	96-well plate
<b>Assembly runtimes</b>	6-21 hours; variable, based on application
<b>Fragment sizes</b>	300 to 1,800 base pairs
<b>Yields</b>	200ng to 10µg
<b>Error rates</b>	1:10,000 to 1:30,000 base pairs

Specifications are subject to change.