

BioXp® 9600 System Specifications

BioXp® System

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

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

BioXp Applications

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

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

Specifications are subject to change.
