

BioXp™ 3200 system

Specification sheet

The BioXp™ 3200 system is an automated synthetic biology workstation for building gene fragments, clones, and libraries.

Product name	BioXp™ 3200 system
Catalog number	BX3200-02
Description	Automated synthetic biology workstation
Power input voltage	100–240V
Power input current	8.3 A max
Operating temperature range	16 to 40 °C
Storage temperature range	–18 to 60 °C
Operating and storage humidity range	10 to 90% (non-condensing relative humidity)
Operating altitude	Up to 2,000 m
Water ingress	Non-immersion; protection for damp wipe only
Safety and regulatory standards	IEC/EN 61010-1:2001 2 nd ed, IEC/EN 61010-2-010, IEC/EN 61010-2-081
Electromagnetic compatibility	UL 61010-1, FCC: exempt
MTBF	> 500 process runs
Weight	63.4 kg [139.8 US lbs]
Dimensions (W × D × H)	66 × 74 × 53 cm [26 × 29 × 21 in]

BioXp™ applications

The BioXp™ 3200 system supports applications ranging from building, cloning, and amplifying gene fragments to constructing DNA variant libraries.

Number of fragments	32
Format	96-well plate
Assembly runtimes	6 to 21 hours; variable, based on application
Fragment sizes	300–7,000 base pairs
Yields	200 ng–10 µg
Error rates	1:10,000–1:30,000

Specifications are subject to change.