

## BioXp™ 3250 system

### Specification sheet

The BioXp™ 3250 system is an automated synthetic biology workstation for building gene fragments, clones, and libraries.

<b>Product name</b>	BioXp™ 3250 system
<b>Catalog number</b>	BX3250-01
<b>Description</b>	Automated synthetic biology workstation
<b>Power input voltage</b>	100–240V
<b>Power input current</b>	8.3 A max
<b>Operating temperature range</b>	16 to 40 °C
<b>Storage temperature range</b>	–18 to 60 °C
<b>Operating and storage humidity range</b>	10 to 90% (non-condensing relative humidity)
<b>Operating altitude</b>	Up to 2,000 m
<b>Water ingress</b>	Non-immersion; protection for damp wipe only
<b>Safety and regulatory standards</b>	IEC 61010-1:2010 3 <sup>rd</sup> edition, EN 61010-1:2010, UL, CSA
<b>Electromagnetic compatibility</b>	IEC 61326-1:2012; EN 61326-1:2013 KN 61000-6-4: 2015 and KN 6100-6-2: 2015, AUS/NZ CISPR 11
<b>MTBF</b>	> 500 process runs
<b>Weight</b>	63.4 kg [139.8 US lbs]
<b>Dimensions (W × D × H)</b>	69 × 77 × 53 cm [27 × 30 × 21 in]

### BioXp™ applications

The BioXp™ 3250 system supports applications ranging from building, cloning, and amplifying gene fragments to constructing DNA variant libraries.

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

Specifications are subject to change.