



# BD Phoenix™ Automated Microbiology System Specifications



## Optical Specifications

### Peak Wavelengths

428 nm to 623 nm, Visible Spectrum

367 nm, UV Excitation

410 nm – 640 nm Bandpass, UV Emission

## Electrical Requirements

Input Voltage ..... 100 – 117 VAC or  
220 – 240 VAC ± 10%

Input Current ..... 8 Amp

Input Line Frequency ..... 47 – 53 Hz or 57 – 63 Hz

## Environmental Requirements

### Non-Operating Storage

Temperature ..... 0°F – 149°F ..... -17.8°C – 65.0°C

Humidity ..... 10% – 90% RH, non-condensing

### Operating Conditions

Temperature ..... 64.4°F – 86°F ..... 18°C – 30°C

Humidity ..... 20% – 90% RH, non-condensing

Locations ..... Level surface, no direct sunlight,  
no direct heat

## Physical Dimensions

Height ..... 41.7 in ..... 105.9 cm

Width ..... 44.3 in ..... 112.5 cm

Depth ..... 29.5 in ..... 74.9 cm

Clearance – Right, Left, Rear .... 4.0 in ..... 10.2 cm

Clearance – Front ..... 18.0 in ..... 45.7 cm

Weight – Empty ..... 333 lb ..... 151.4 kg

Weight – Full ..... 351 lb ..... 159.6 kg

Counter must be capable of supporting 500 lb (227.3 kg)

## Phoenix Table Dimensions

Height ..... 35 in ..... 89 cm

Width ..... 49 in ..... 124 cm

Depth ..... 34 in ..... 86 cm

# BD PHOENIX



Helping all people  
live healthy lives



# BD Phoenix™ AP System Specifications



## Electrical Requirements

Input Voltage .....	100 – 240 VAC
Peak Current.....	6.3 Amp
Input Line Frequency.....	50/60 Hz
Power .....	150 VA
Leakage Current .....	< 500 µA
Input Voltage (Inoculation Station).....	5 VDC, USB Powered
Peak Current (Inoculation Station).....	100 mA, USB Powered
Heat .....	500 BTU

## Environmental Requirements

### Non-Operating Storage

Temperature .....	0°F – 149°F ..... -17.8°C – 65.0°C
Humidity.....	20% – 90% RH, non-condensing

### Operating Conditions

Temperature .....	68°F – 86°F ..... 20°C – 30°C
Humidity.....	20% – 90% RH, non-condensing
Locations .....	Area that is free from undue vibration, direct sunlight, high humidity, dust, temperature extremes, external air sources, and corrosive or explosive vapor gases
Noise @ 1 m .....	62 dBA during operation
Altitude .....	0 – 7,350 ft..... 0 – 2240 m

## Physical Dimensions

Height .....	24 in .....	61.0 cm
Width .....	33 in .....	84.0 cm
Depth .....	32 in .....	81.5 cm
Clearance – Right, Left.....	3 in .....	7.6 cm
Clearance – Front (Minimum).....	16 in .....	40.7 cm
Clearance – Front (Recommended).....	36 in .....	91.5 cm
Clearance – Rear.....	1 in .....	2.5 cm
Weight – Empty .....	200 lb .....	90.7 kg

# BD PHOENIX AP



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