

BD FOCALPOINT™ GS Imaging System Specifications

BD FOCALPOINT™ SLIDE PROFILER

DIMENSIONS (L x W x H)

44" x 28.5" x 51.25" (112 cm x 72 cm x 130 cm)
(height is with hood closed)

44" x 28.5" x 68.5" (112 cm x 72 cm x 174 cm)
(height is with hood open)

WEIGHT

770 lb (350 kg)

POWER REQUIREMENTS

100/120/220/230–240 VAC

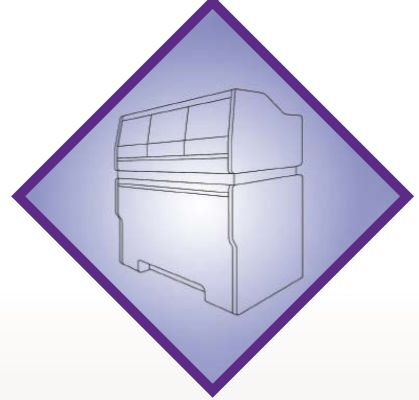
50 or 60 Hz

Dedicated 20 amp supply (120VAC)

Dedicated 15 amp supply (100VAC)

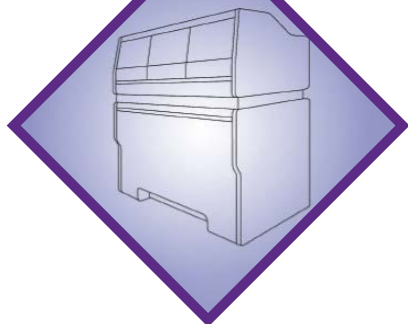
Dedicated 10 amp supply (220–240VAC)

Power Consumption = 1200 VA



Helping all people
live healthy lives

Specifications
continued
from cover



MICROSCOPE OBJECTIVES

0.75NA 20x

0.3NA 4x

LIGHT SOURCE

Mercury-xenon arc lamp

VIDEO CAMERA (one or more)

Prosilica GE1910

Toshiba Teli CS8310 BCi

OPERATION CONDITIONS

Temperature:

10°C – 30°C / 50°F – 86°F

Humidity Range:

5% – 90% relative humidity, non-condensing

Altitude:

0-3050 meters above sea level, 0~10,000 feet

HEAT OUTPUT

1.5 kW per instrument

SAFETY CERTIFICATION

UL 61010-1 Ed.2 (July 12, 2004)

CAN/CSA-C22.2 No.61010-1-04

EN 61010-2-101: 2002

EN 61010-1: 2001

EMC CERTIFICATION

EN 61326-2-6: 2006

EN 61326-1: 2006

SYSTEM SLIDE CAPACITY

Tray Capacity 36

Slide Capacity 288

ESTIMATED THROUGHPUT*

Approximately 6 minutes per conventional slide

Approximately 4 minutes per BD SurePath™ Liquid-Based
Pap Test slide

BARCODE COMPATIBILITY

Interleaved 2-of-5

Code 128 A, B, and C

Code 39 and Code 39 Full ASCII

PDF417 (2D)

Data Matrix (2D)

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*Throughput will vary according to hardware/software configurations

BD FOCALPOINT™

Workstation

DIMENSIONS (L x W x H)

Cart:

29" x 33.5" x 60.6" (74 cm x 84 cm x 154 cm)

Processor:

3.71" x 5.27" x 1.70" (94.2mm x 133.8mm x 43.1mm)

Monitor with Stand:

8.27" x 14.92" x 15.75" (210 mm x 379 mm x 400 mm)

WEIGHT

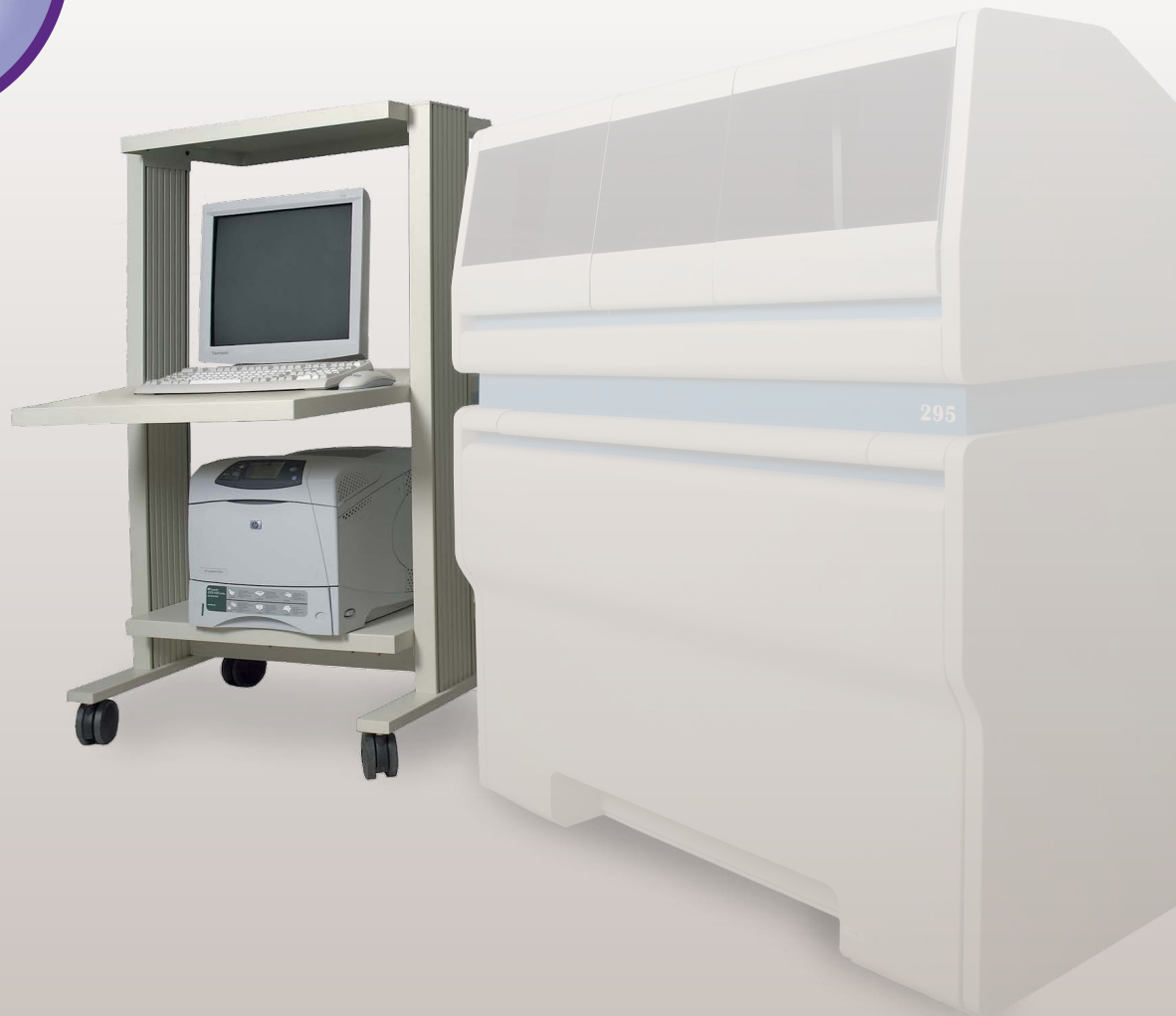
88 lb (40 kg)

POWER REQUIREMENTS

Dedicated 15 amp supply (100-120 VAC)

Dedicated 10 amp supply (220-240 VAC)

Power Consumption = 720 VA



BD FOCALPOINT™ Slide Profiler Shipping Crate Specifications

BD FOCALPOINT™ SLIDE PROFILER (L x W x H)

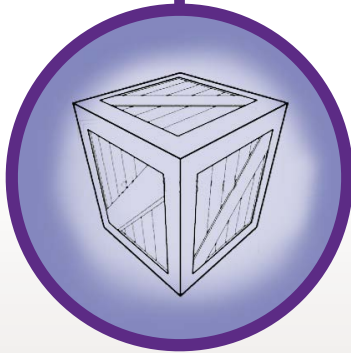
50" x 39" x 61" ~ 1113 Lbs (505 kg)

127 cm x 99 cm x 155 cm

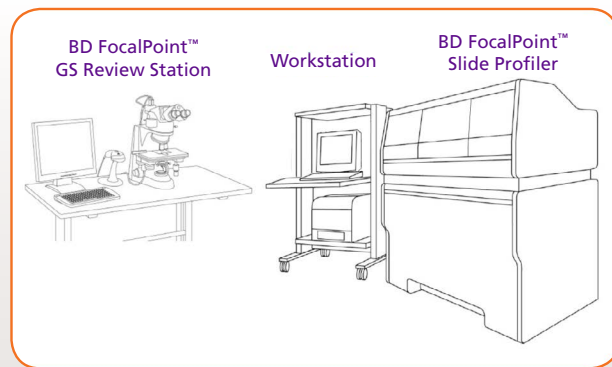
BD FOCALPOINT™ SLIDE PROFILER WORKSTATION (L x W x H)

54" x 43" x 39" ~ 88 Lbs (40 kg)

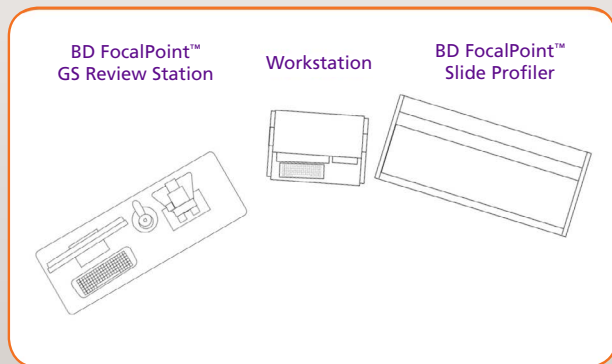
137 cm x 109 cm x 99 cm



System Schematic



Front View



Elevation View

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BD FOCALPOINT™ GS Imaging System Specifications

REVIEW STATION COMPUTER (L x W x H)

17.1"x 7.5"x 16.7"
(43.4 cm x 19 cm x 42.4 cm)

SMALL LAB SERVER COMPUTER (L x W x H)

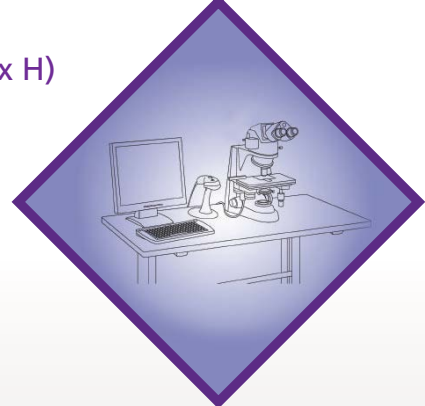
17.1"x 7.5"x 16.7"
(43.4 cm x 19 cm x 42.4 cm)

MONITOR (D x W x H)

With Stand 8.27"x 14.92"x 15.75"
(210mm x 379mm x 400mm)

CONTROLLER BOX (L x W x H)

9.75"x 7.25"x 3.25"



REQUIREMENTS FOR GUIDED SCREENER MICROSCOPES

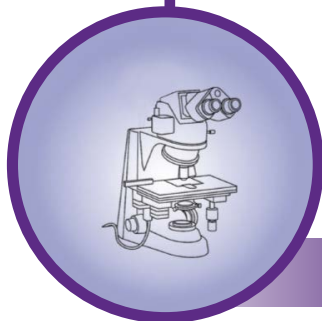
	BD FocalPoint™ GS Review Station	BD FocalPoint™ GS Small Lab Server
Processor	Intel Pentium 4 Processor or Higher (No Celeron Processors)	
Memory	4GB dual Channel SDRAM (minimum)	
Front Panel Ports	(Two) USB Port Connectors, USB 2.0 Compatible (minimum)	
Rear Panel Ports	(Two) PS/2 connectors for keyboard and mouse	
	(One) 9-Pin D-Type Serial Connector or UART Converter	
	(Eight) USB Port Connectors, USB 2.0 Compatible (minimum)	
Ethernet	100Mbps (minimum) IEEE 802.3 100baseT Ethernet Port, RJ45 Style Connector	
Video Graphics	Integrated Video, (One) VGA Port, (One) DVI Port	
Hard Drive	(One) 200 GB Hard Drive (minimum), Configured as the C: Drive	(Two) 200 GB Hard Drive (minimum), Configured as the C: Drive, Mirrored Configuration
CD/DVD Drive	(One) CDRW/DVD Rom configures as the D: Drive	
	52X CD Read Speed (minimum)	
	32X CD Write Speed (minimum)	
	16X DVD Read Speed (minimum)	
Chassis Specifications	17.1" x 7.5" x 16.7", Quiet Case Fan, Black	
Power Supply	400W Rating (minimum)	
	Auto-Switchable 110VAC/220VAC 50/60Hz (minimum)	
	Safety Certification: CSA, UL, CE, CCC, RoHs, C-Tick	
Operating System	Microsoft Windows 8.1, 32-Bit	
Anti-Virus	Microsoft Windows Defender	

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REQUIREMENTS FOR GUIDED SCREENER MICROSCOPES

The following information is provided to allow you to determine if the microscope you have is compatible for use with the BD FocalPoint™ GS Imaging System.



1. Microscope Stand

- Bright-field (transmitted light) configuration
- Compatible with BD motorized auto stage. [See compatibility below](#)

Microscope	BD Motorized Auto Stage Catalog Number
Nikon Eclipse E400, E600	490938
Olympus BX40, BX41, BX43, BX50, BX51, BX60, BX61	490940
Zeiss AxioLab, Axioskop	490942
Nikon Eclipse 50i, 55i, Ci-L	490944

Note: Some short focal length condensers may interfere with stage movement.

2. Eyepieces (2 each)

- 10x magnification (transmitted light) configuration
- Field number 22 to 25 mm

3. Head

- Binocular or trinocular
- Compatible with Eyepieces specified above

4. 10x Objective

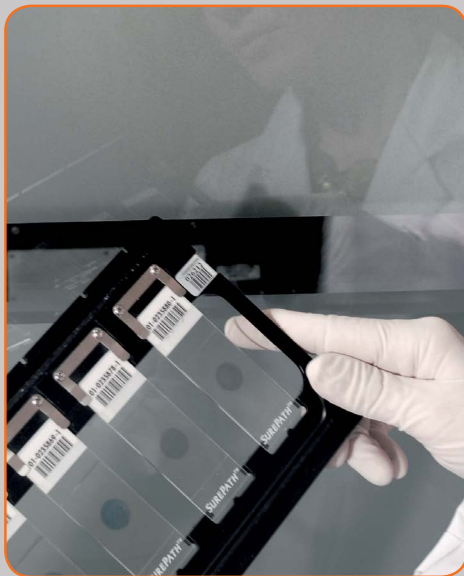
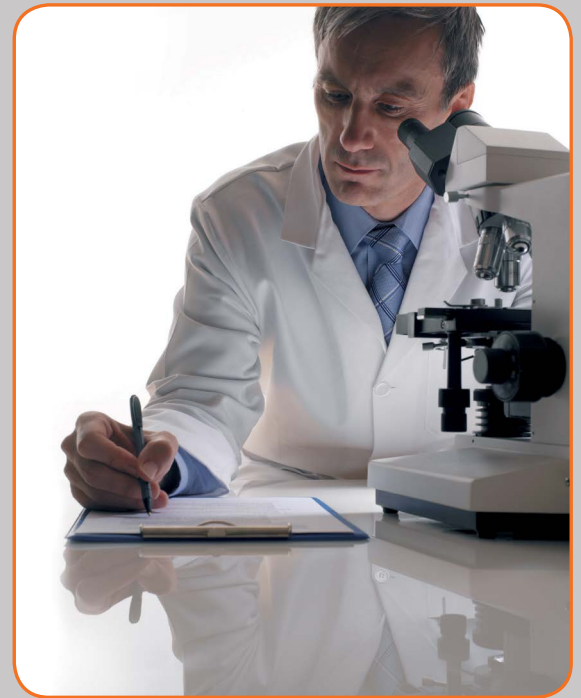
- Dry viewing (not oil-immersion)
- For biological applications
- NA 0.25 or greater
- Achromat quality or better

5. 40x Objective

- Dry viewing (not oil-immersion)
- Biological (corrected for coverslip thickness)
- NA 0.65 or greater
- Achromat quality or better

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