



# BD Totalys™ MultiProcessor

Designed to meet the needs of evolving cervical cancer screening

- Automates the unique BD cellular enrichment process for the BD SurePath™ Liquid-based Pap test
- Full chain of custody from collection vial to sample outputs
- LIS integration provides positive sample identification to downstream instruments
- Optional, customisable aliquots supports ancillary molecular testing, including the BD Onclarity™ HPV Assay



# Flexibility to meet current and future screening algorithms

## Lab efficiency and flexibility

- Adaptable loading and unloading of samples to maximise efficiency
- Process up to 336 samples within an 8-hour shift with aliquoting for ancillary testing<sup>1,2</sup>
- Process up to 384 samples within an 8-hour shift without aliquoting for ancillary testing<sup>1,2</sup>

## Confidence in precise and reliable automation

- Process samples reliably with full automation minimising variability
- Uncaps and recaps samples only during pipetting steps, reducing the risk of cross contamination
- Pipette tips travel on a safe path, avoiding other samples to control risk of cross contamination



Specimen handling	
Specimen type	BD SurePath™ collection vial
Sample volume	- 8 mL or optional 6 mL aliquot drawn for cytology testing - Customisable aliquots from 0.25 mL – 1.5 mL <sup>3</sup>
On-board sample capacity	Up to 96 patient samples
Positive sample identification	Barcodes on all patient vials and instrument consumables ensure chain of custody

Dimensions	
Height	201 cm (79 in)
Width	157.5 cm (62 in)
Depth	94 cm (37 in)
Clearance	121.9 cm (48 in) front 35.6 cm (14 in) right side, minimum* 50.8 cm (20 in) left side, minimum* 5.1 cm (2 in) rear  *for any routine or necessary service to the instrument, 91.4 cm (36 in) clearance on either side is optimal
Weight	612.3 kg (1,350 lbs)

Environmental requirements	
Temperature	18°C – 30°C (64.4°F – 86°F)
Humidity	20% – 80% RH @ 18°C – 30°C non-condensing
Locations	Level surface; no direct heat
Altitude	Up to 2,000 m (6,562 ft)
Light conditions	No direct sunlight <sup>1</sup>

Electrical requirements	
Input voltage	100 – 240 VAC ± 10%
Input current	10A – 6A
Input line frequency	50 – 60 Hz

1. BD Totalys MultiProcessor User's Manual [8089991]. Franklin Lakes, NJ: Becton, Dickinson and Company; 2020.  
2. Internal BD Report (Throughput Testing Characterisation Report, TC-14-1054)  
3. One transfer per sample only

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