



# BD Viper™ LT System

Elevate your HPV testing beyond 16 and 18

- Automates the BD Onclarity™ HPV Assay, a multiplex realtime PCR assay detecting 14 high-risk HPV genotypes
- On-demand individual results for HPV genotypes 16, 18, 45, 31, 51 and 52.<sup>1</sup>
- Compact, integrated, self-contained table top system.<sup>2</sup>
- Standardised ready-to-use reagents.<sup>1</sup>
- Supports bi-directional LIS integration.<sup>2</sup>

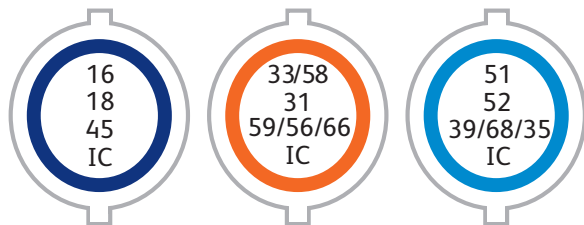


# Enhancing laboratory performance with a versatile instrument

## Accuracy and flexibility

### BD Onclarity™ HVP Assay

- Multiplex real-time PCR assay for the qualitative detection of 14 high-risk HPV types<sup>1,3</sup>
- On-demand genotyping for individual results of 16, 18, 45, 31, 51 and 52 with pooled results of 33/58, 59/56/66 and 39/68/35<sup>1</sup>
- E6/E7 DNA target<sup>1,3</sup>
- Uses human beta globin as internal control<sup>1</sup>



## Efficiency in molecular testing

### BD Onclarity™ HVP Assay

- 15 min hand-on time for run setup<sup>3</sup>
- 90 to 120 results per day<sup>3</sup>
- Sample tubes with pierceable caps to avoid manual opening
- Room temperature reagent storage

## Set the precedent

Contact your BD representative today.

### Physical dimensions<sup>2</sup>

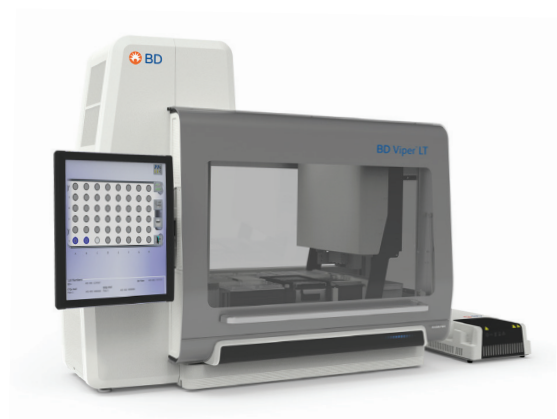
Height	117cm (46 in)
Width	130cm (51 in)
Depth	71cm (28 in)
Weight	212.2kg (467.8lb) (including pre-warm heater)

### Electrical requirements<sup>2</sup>

Input voltage	100-240 VAC
Input current	12 Amp
Input line frequency	50 / 60 Hz
Power	≤ 1800 W
Heat - Instrument	1000 Btu/hr when idle; up to 3000 Btu/hr during a run (depending on ambient temperature, relative humidity, line voltage ect)
Pre - warm heater	300 Btu/hr when idle; up to 2500 Btu/hr during a pre - warm protocol (depending on ambient temperature relative humidity, line voltage, ect)

### Environmental requirements<sup>2</sup>

Temperature	18-33°C (64.4°-91.4°)
Humidity	20 - 85% RH@ 18°-33°C non - condensing
Noise	<65 dB (A) @ 1 m.
Locations	Level surface, No direct heat, Light ≤ 5000 lux



**References:** 1. BD Onclarity™ HPV Assay Package Insert, 8089899 (15). 2. BD Viper™ LT System User's manual, 8089195 (12). 3. Bottari F, Iacobone AD. 2019. Profile of the BD HPV Onclarity™ assay. *Expert review of molecular diagnostics* 19:565-70

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