

# Reliable, cost-effective CT/GC testing for your laboratory



Helping all people  
live healthy lives

## The BD ProbeTec™ ET System

**Run up to 15,000 *Chlamydia trachomatis* (CT) and *Neisseria gonorrhoeae* (GC) samples a year with minimal hands-on time and accurate results.**

### Fast and efficient

- Up to 30 patient samples in 3 hours
- Up to 276 CT/GC results in one 8-hour shift
- Total hands-on time: less than 2 minutes per sample

### Proven and powerful

- Molecular detection provides high sensitivity and specificity for CT/GC<sup>1,2</sup>
- BD ProbeTec ET CT/GC Amplified DNA Assays are intended for use with male urethral and urine samples and with female endocervical and urine samples<sup>3</sup>

### Compact and easy to use

- As little as 10 feet of bench space
- No special facilities required
- Easy to learn and use

### Tried and true

- 2-year mean time between failure (MTBF)
- Backed by BD Total System Integrity™ and world-class support

# BD ProbeTec™ ET Instrument Specifications

## Physical Dimensions

**Height** 21.5 in (54.6 cm)

**Width** 28.5 in (72.4 cm)

**Depth** 28.5 in (72.4 cm)

**Weight** 72 lb (32.7 kg)

## Electrical Requirements

**Input Voltage** 100–240 VAC

**Input Current** 3 A

**Input Line Frequency** 50 or 60 Hz ±3 Hz

**Power** 300 W

**Heat** 1024 BTU/hr

## Thermal Specifications

**Lysing Heater Fluid Temperature**

>100°C at 20 minutes

**Priming Heater Fluid Temperature**

70°C ±2°C after 9 minutes

**Warming Heater Fluid Temperature**

52.5°C ±1.5°C after 9 minutes

**BD ProbeTec ET Instrument Fluid**

**Temperature** 52.5°C ±1°C after

10 minutes

## Operating Conditions

**Temperature** 18°C–33°C

(64.4°F–91.4°F)

**Humidity** 20%–85% RH,

non-condensing

**Locations** Level surface, no direct

sunlight, no direct heat

## Testing Area Requirements

The BD ProbeTec ET instrument can be placed in any area of the laboratory consistent with the specifications listed. **No separate or special room is required.**

## Assay Performance (CT and GC)

The clinical trial data are published in the package insert, which can be found online at <http://www.bd.com/ds/technicalCenter/inserts/3300754JAA.pdf>. Numerous independent studies have been published substantiating the package insert data. The following is a summary of some of these studies.

Reference	Specimen Type	CT Sensitivity	CT Specificity	GC Sensitivity	GC Specificity
3	Swabs, Urine	90.7%	96.6%	96%	98.8%
4*	Swabs	94%, 100%	100%, 100%	88.9%, 94.5%	100%, 100%
5	Swabs, Urine	97%	100%	99%	100%
1	Urine	96%	100%	–	–
6	Urine	95.3%	99.3%	100%	99.7%

\*Study consisted of two sets of specimens



1. Gaydos CA et al. J Clin Microbiol 2004;42:3041-3045.
2. Van Der Pol B et al. J Clin Microbiol 2001;39:1008-1016.
3. BD ProbeTec ET CT/GC Amplified DNA Assay [package insert]. Sparks, MD: BD Diagnostics; 2009.
4. Van Dyck E et al. J Clin Microbiol 2001;39:1751-1756.
5. Fuller D et al. In: Abstracts of the 100th General Meeting of the American Society for Microbiology; 2000. Abstract C-376.
6. Chan EL et al. Arch Pathol Lab Med 2000;124:1649-1652.

