

## Panther® System

■ The foundation for assay consolidation, future scalability and growth.

## Value to Your Lab



## LABOR SAVINGS

**Broad assay menu** on a single platform allows consolidation and the ability to run more tests per FTE

**Full automation** allows samples to be loaded at the end of the day and run labor free after hours

**Run multiple test orders** from the same patient sample at the same time, expediting results

Ability to load **primary sample tubes** eliminates manual transfer of specimen

**Flexible sample loading** provides control over workflow by either random access or batch processing



## TIME SAVINGS

**Programmable/automated maintenance** allows tasks to run labor free during non-operational hours

**STAT samples** can be loaded at any time, allowing urgent samples to be prioritized

**Specialized reports** to automate tracking and trending of QC and results: Levey-Jennings, Prevalence Reports, Sample History Report, Sample Curve Report and Maintenance Checklist



## COST SAVINGS

**Small footprint** gives labs the ability to run more tests per sq ft and options for scalability and redundancy

**Consolidation of platforms** helps reduce LIS connection costs, streamlines tech training and competencies

**Consumables** designed to reduce waste (tubes vs. plate) and included in price-per-test provides transparency

**Liquid waste is nonhazardous** and does not require special handling\*

**QC** only required every 24 hours, or with a new kit, reducing time and costs



The Panther system has been revolutionizing molecular testing since 2010 by providing labs the ability to consolidate menu on a fully automated system with proven performance and features that drive value and enable tangible and immediate savings.

\* Follow local and state guidelines for waste disposal.

**Panther®**

## Assay Menu

- Sexual Health
- Women's Health
- Respiratory
- Virology
- Transplant
- Gastrointestinal\*
- Healthcare-associated Infections\*

## Specifications

<b>Time-to-First Result</b>	2.7 - 3.5 hrs <sup>†</sup>	
<b>Sample Throughput</b>	Up to 275 - 320 samples processed in 8 hrs with the ability to process over 1000 in 24 hrs	
<b>Sample Capacity</b>	120 sample tubes on board with continuous access; 8 racks of 15 tubes each	
<b>Reagent Capacity</b>	4 assay kits of any combination may be loaded at once, up to 1,000 test capacity; universal fluids up to 2,000 tests on-board	
<b>Waste Capacity</b>	750 tests	
<b>Component Dimensions</b>	Panther System:	48 in (122 cm) W x 32 in (81.5 cm) D x 69 in (175 cm) H
	UPS (Optional):	8.4 in (21.4 cm) W x 16.1 in (41 cm) D x 12.8 in (32.5 cm) H
<b>Weight</b>	Panther System:	800 lb (363 kg)
	UPS (Optional):	76 lb (34.5 kg)
<b>Sample Tube</b>	Barcode Types:	Code 39, Code 93, Code 128 (ISBT 128), Interleaved 2 of 5, Codabar, JAN13, NW7, UPC
	Tube Size:	12 x 75 mm to 16 x 100 mm (including 13 x 75 mm, 13 x 100 mm, 16 x 75 mm, 13x 82 mm)
<b>Environmental Requirements</b>	Ambient Temperature:	59°F - 86°F (15°C - 30°C)
	Relative Humidity:	20% - 85%
<b>Electrical Requirements</b>	Electrical Input:	100 - 240 +/- 10% VAC, 50 - 60 Hz, single phase
	Current Input:	Minimum of 15-amp circuit (dedicated); 20-amp circuit (dedicated) if used with optional UPS
	Current Draw:	Average: 700 W, Peak: 1400 W • 100 VAC circuit draws 13 amps • 240 VAC circuit draws 5.4 amps
<b>System Output</b>	Heat Dissipation:	550 watts (1878 BTU/hr) during steady state
	Liquid Waste:	Waste fluids drain to removable containers



Random access enables loading samples with any test, any time eliminating batch constraints and decreasing turnaround time.



Multi-test swab allows the ability to run 4 different assays (up to 7 targets) from 1 patient sample simultaneously. Utilize the penetrable cap to avoid manual uncapping and recapping of tubes and minimize contamination.

\* In development and not for sale.

<sup>†</sup> Depending on mix of TMA and RT-TMA assays run.