

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

Time-to-First Result	2.7 - 3.5 hrs [†]	
Sample Throughput	Up to 275 - 320 samples processed in 8 hrs with the ability to process over 1000 in 24 hrs	
Sample Capacity	120 sample tubes on board with continuous access; 8 racks of 15 tubes each	
Reagent Capacity	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	
Waste Capacity	750 tests	
Component Dimensions	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
Weight	Panther System:	800 lb (363 kg)
	UPS (Optional):	76 lb (34.5 kg)
Sample Tube	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)
Environmental Requirements	Ambient Temperature:	59°F - 86°F (15°C - 30°C)
	Relative Humidity:	20% - 85%
Electrical Requirements	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
System Output	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.

[†] Depending on mix of TMA and RT-TMA assays run.