



# Panther® Trax\*

Physically connects Panther® systems to grow testing volumes without increasing staff.

**Value to your lab.** Includes Panther® system and Panther® Link savings plus the following incremental savings:

  
**LABOUR SAVINGS**

**Automatically sorts/routes** samples with single or multiple test orders, allowing increased test volumes without adding more staff

**Decapper, recapper and centrifuge** for plasma and serum tubes provide labour-free preanalytical processing

**Refrigerated sample storage onboard**, eliminating manual archiving and stockpiling

**Multi tube sorting criteria allows searching/retrieving** samples from storage for removal or downstream testing

**Auto re-test invalid, reflex or add-on test orders** from storage to improve turnaround time by removing human variability and touch points

  
**TIME SAVINGS**

**Intelligent, test-driven tube routing** is responsive to system conditions (e.g., onboard reagents, flags and instrument availability) providing more consistent and predictable turnaround time

**Monitor open test orders** sent from LIS to ensure all samples are tested by the end of the shift/day

**Trace the status and location of open test orders** to promptly respond to client requests/inquiries

**Centralised location for loading samples** minimises manual routing/sorting, reducing operator errors

  
**COST SAVINGS**

**Flexible track configurations** minimise infrastructure changes and added costs associated with installation

Samples are **routed with penetrable caps and pulled into Panther** for pipetting, reducing contamination risks

**Sample-to-storage** automation allows reallocation of staff to more value added tasks



Panther® Trax gives high volume molecular labs the ability to fully automate testing from sample to storage.

\* Panther Trax is in development and not for sale. The centrifuge feature will not be available at launch.



## Specifications

Inlet module	
Weight	250 kg
Dimensions	81 cm W x 107 cm D x 142 cm H
Throughput	Up to 600 samples/hr
Power consumption	210 VA
8 racks x 50 positions	400 samples; 1 quarantine rack
Access	Continuous access via 2 independent drawers
Level detection	Liquid level detection process control



Outlet module	
Weight	240 kg
Dimensions	81 cm W x 107 cm D x 142 cm H
Throughput	Up to 600 samples/hr
Power consumption	210 VA
8 racks x 50 positions	400 samples; 1 quarantine rack
Access	Continuous access via 2 independent drawers



Recapper module 12/13 mm and/or 16 mm (optional)	
Weight	150 kg
Dimensions	61 cm W x 71 cm D x 152 cm H
Throughput	Up to 600 samples/hr
Power consumption	335 VA
Supported tube types	12 mm and 13 mm or 16 mm
Capacity	1000 caps



Decapper module (optional)	
Weight	120 kg
Dimensions	61 cm W x 69 cm D x 142 cm H
Throughput	Up to 600 samples/hr
Power consumption	210 VA
Supported tube types	12 mm, 13 mm, 16 mm
Waste capacity	3000 caps



Storage module	
Weight	700 kg
Dimensions	132 cm W x 109 cm D x 211 cm H
Throughput	Up to 600 samples/hr
Power consumption	Motor 1000 VA; refrigeration 2800 VA
Capacity	4 floors, 4 tube racks each floor, 340 tubes per rack 5440 tubes
Temperature range	2°C - room temperature
Compatible tube sizes	Aptima® collection tube, 12 mm x 75 mm, 13 mm x 75 mm, 13 mm x 100 mm, 16 mm x 75 mm, 16 mm x 100 mm



Track segments	
Types	H-lane, I-lane (300-1200 mm), L-lane, T-lane, U-lane
Weight	30-85 kg
Dimensions	H-lanes: 41-61 cm W x 36 cm D x 102-117 cm H I-lanes: 30-119 cm W x 36 cm D x 102 cm H L-lanes: 53 cm W x 43 cm D x 102 cm H T-lanes: 61 cm W x 58 cm D x 112 cm H U-lanes: 36 cm W x 36 cm D x 102 cm H
Power consumption	55-115 VA

