

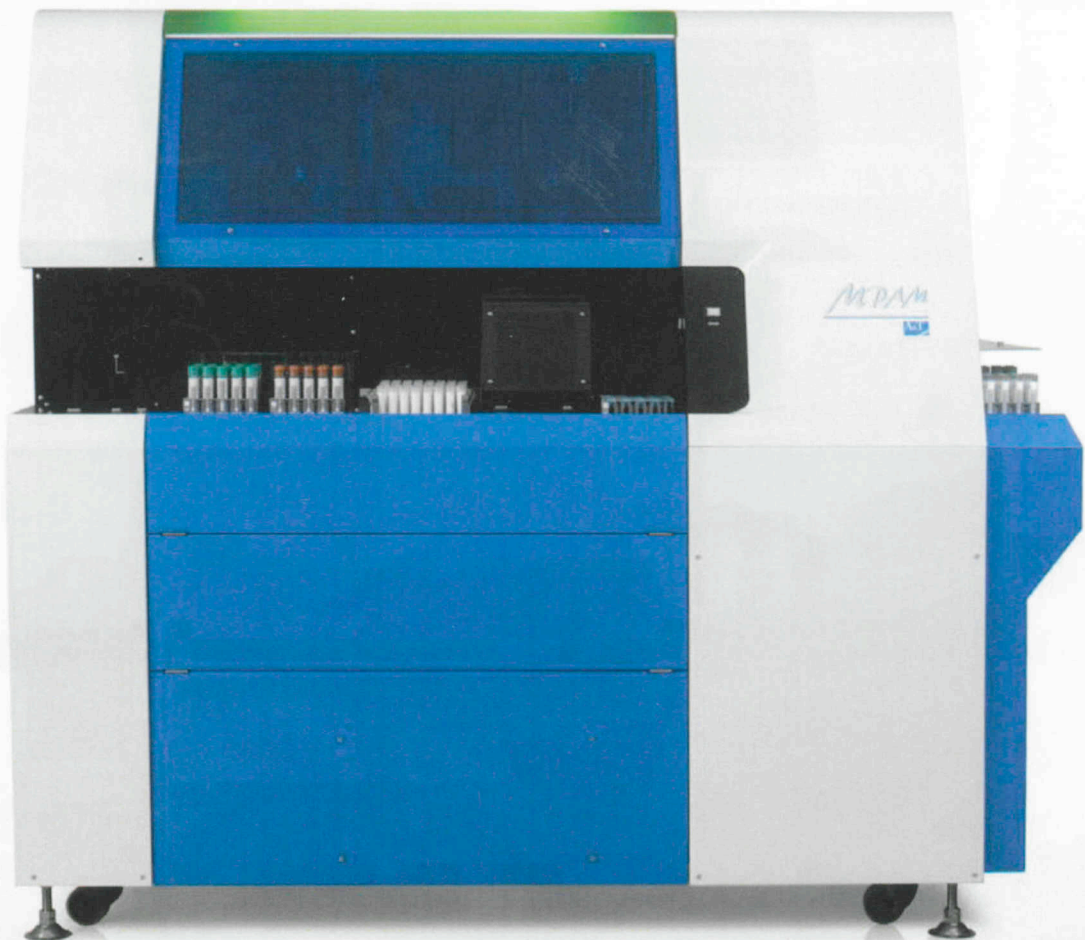
Automation of pre-analytical process
high-quality testing for laboratories



MPAAM

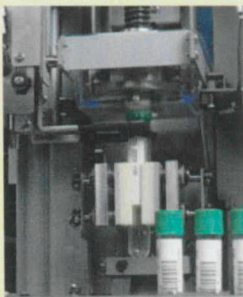
Managed Pre-Analysis Module

Automation of pre-analytical processes supports high-quality testing for laboratories.



High-speed decapping

Features speedy decapping function capable of handling over 500 samples/hr. Handles rubber tops, over caps and screw caps or seal tops.



High-speed aliquot by elegant crane

1:1 (500mL) during aliquot. Rapid processing of over 500 samples/hr.



Direct printing - Secondary tubes

Sample info printed directly onto pre-labeled secondary tubes. Eliminates label roll replacement and other hassles.



One-stop Pre-analytical Processing

MPAM supports high-quality testing for laboratories with fully automated hi-speed pre-analytical preparation of samples. In addition to decapping and secondary sample aliquotting, MPAM provides QC specimen supply for higher performance and improves efficiency and outcome significantly.

Decap and Aliquot speed of over 500 samples/hr (1:1 aliquot)

Primary and Secondary tube sorting function

STAT sample priority handling

Connectable to rack-type workcell

Versatile connectivity to LAS

MPAM

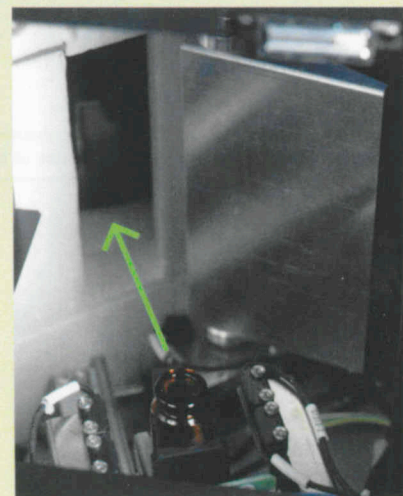
Rack sorting function

Sorts and stores primary and secondary tubes based on subsequent processes.



Automatic supply of QC specimen

QM station automatically supplies a maximum of 16 different QC specimens controlled by its program. Randomized mode by computer control and user mode by operator-set condition of measurement time are available.



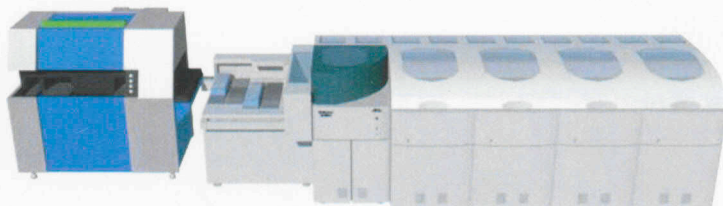
Specification

Throughput

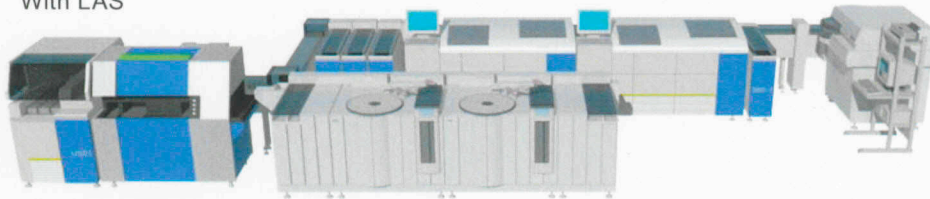
Decapping	Over 500 samples/hr Rubber top, over cap and screw top or seal top
Aliquotting	Over 500 samples/hr (500µL aspiration, 1:1 aliquot)
Aliquot accuracy	CV 5% (200µL), CV 3% (500µL)
Aliquot volume	Max. 800µL, Min. 200µL
Sorting	Over 1000 samples/hr
Sample tube (Type and size)	Diameter: Ø13mm, Ø16mm Length: 100mm, 75mm
No. of QC specimen onboard	16 (Built-in refrigeration system)
No. of samples	Max.200 samples (40 racks, 5 tubes per rack)
STAT sample priority	By 5 tube racks
Sample sorting	Max.280 samples (56 racks, 5 tubes per rack) Error position included
Operating system	Windows Vista®
System interface	Ethernet (TCP/IP SOCKET)
Power supply	AC200V 15A
Dimension	1670(W)×850(D)×1550(H) mm
Weight	400kg

Connectivity

With Workcell



With LAS



* Specification and appearance may be changed without a preliminary announcement for product improvement.

* Windows Vista is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

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A&T has obtained the accreditations of "ISO9001" and "ISO13485" for all products in development, design, sales and customer support.