Aqua System

Pre and Post Analytical Solution

NGNY DEVICES

PRODUCT DESCRIPTION

The Aqua System can automate the following pre and post analytical tasks:
- Sorting
- Aliquoting
- Secondary tube labeling
- Decapping primary tubes
- Recapping primary/secondary tubes
- Centrifuging primary tubes

MAIN SPECIFICATIONS

- Throughput: up to 1000 tubes/hour.
- Primary tubes (High: 70 to 110 mm, Diameter: 12 to 16 mm)
- Supports commonly used barcode types
- User friendly interface
- LIS interface: Host – Query (bidirectional) or Download

CONFIGURATIONS

Aqua 7000

500 tubes/h
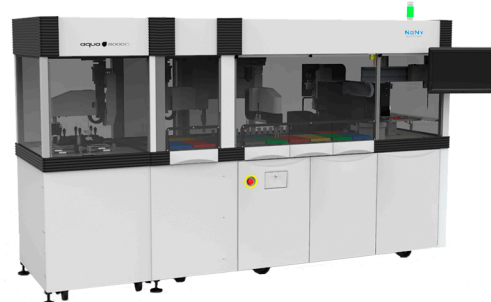3 drawers
Can be configured as input or output
576 positions

Aqua 8000

AQUA 7000+HIGH SPEED MODULE

Aqua 8000C

AQUA 8000+CENTRIFUGE MODULE

1000 tubes/h
4 drawers
Input: 192 tubes
Output: 576 tubes

OPTIONS

Working with **analyzer racks**:
- Can pick and place tubes from analyzer racks
- Input and output drawers layout configurable

Recapper module:
- Caps tubes with pressure cap

Decapper module:
- Decaps primary tube if aliquotes need to be done or if its destination needs the tube without cap.

Advanced camera computer vision:
- Primary tube validation
- Patterns search

Aliquoting:
- Fully automates the aliquoting process

Microplate aliquoting:
- The pipeting robot can dispense sample to a microplate.
- Available with scanner for 96 microtube 2D identification.

High speed module:
- Additional robot and drawer to increase throughput and capacity.

Centrifuge module:
- Capacity: 80 tubes in 4 buckets
- Throughput: 330 tubes/h