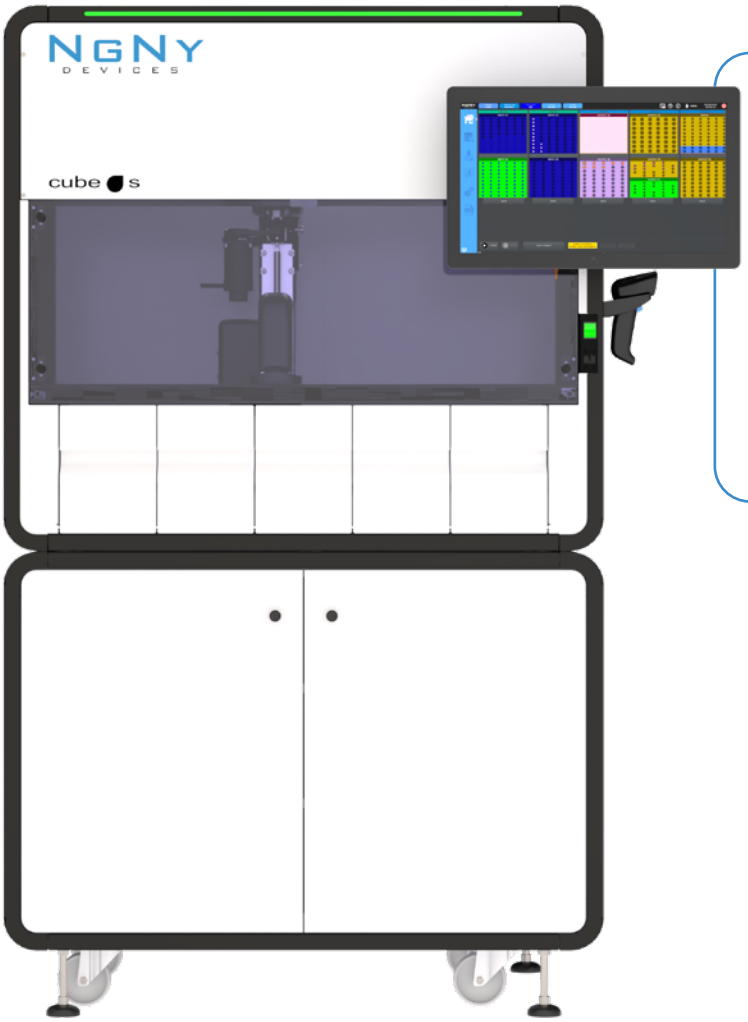
cube s

Datasheet

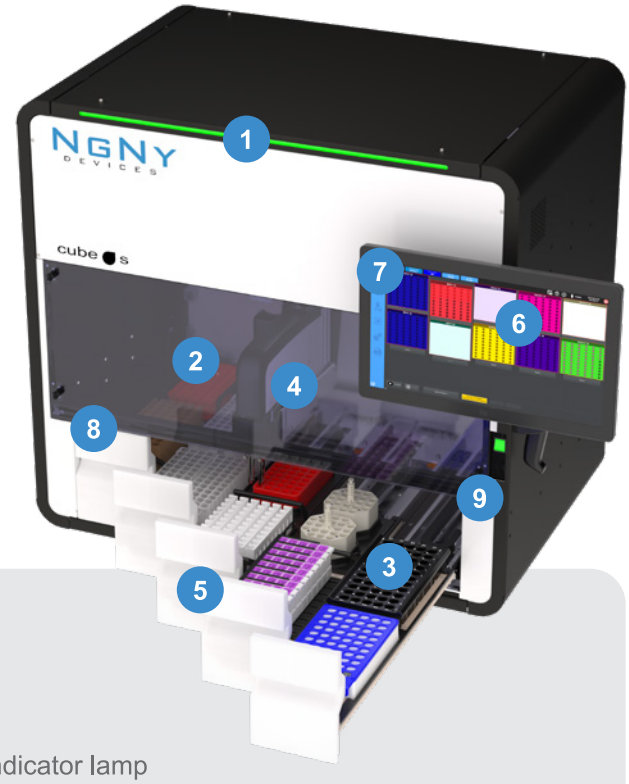
Release 3.0

Smart workflow management and sorting from rack to rack
in a compact and robust design.



Highlights

- Continuous loading, registration and sorting of sample tubes from/to racks
- Efficient tracking and routing based on pending tests, priority and cap color
- High adaptability to customer workflow
- Automatic detection of most efficient tube journey thanks to dual connection to LIS and/or middleware
- Single-tube-traceability for safe archiving



Adaptability

Customizable rack input and output area which admits a wide range of rack types

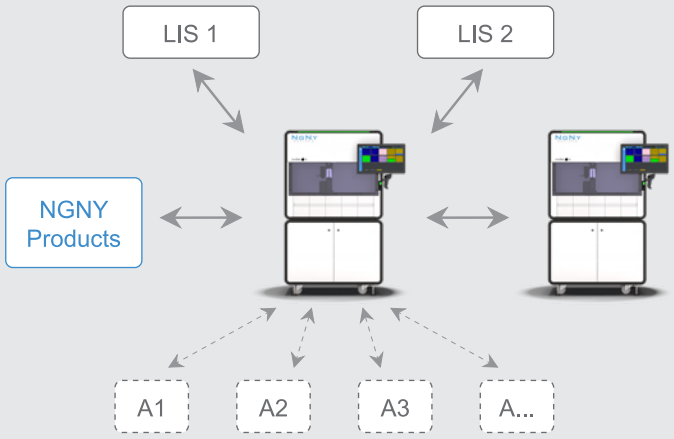
Easy change of rack combinations

Supports the most commonly used primary tubes as well as barcode types

Handling of racks with a mix of capped and uncapped tubes

1. Status indicator lamp
2. Internal barcode scanner
3. Barcode orientation within rack
4. Robot for sorting tubes into racks
5. Customizable rack input and output zone
6. Integrated software for intelligent tube routing
7. Intuitive interface and software
8. Buffer rack with repicking function
9. Optional: hand scanner

Intelligent management
of two simultaneous LIS / middleware etc. connections



Unlimited amount of analyzers / sorting areas

Smart workflow management

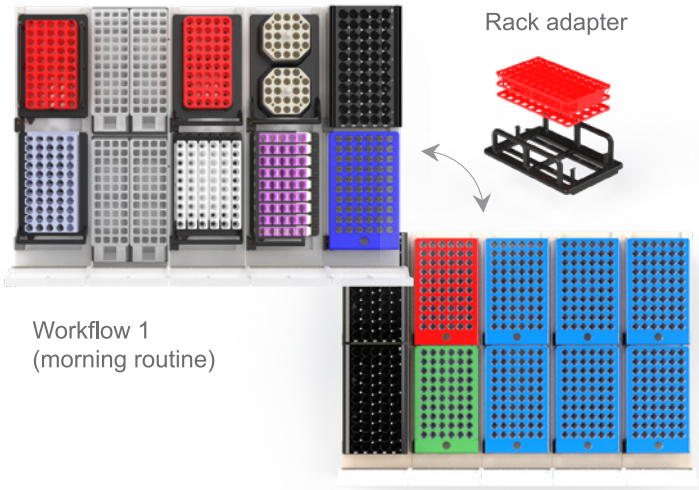
Integrated software for intelligent routing and high traceability

Double interface available to connect two LIS and/or middleware with one CUBE S

Multiple CUBE systems and all NGNY products can be connected to share one common database

Operation modes

- Multiple modes can be configured to change between several workflows throughout the day
- For each mode a varying number of input and output racks can be defined
- Compatible with a wide range of analyzer racks
- Rack adapters enable quick and effortless rack changes



Workflow 1
(morning routine)

Workflow 2 (archive)

Technical specifications summary

Dimensions (WxDxH)	1.100 mm x 705 mm x 1.770 mm
Throughput up to	700 tubes/h
Racks capacity (standard)	600 tubes
Customizable input/output zone	Yes
Barcode orientation	Yes
Direct use of analyzer racks	Yes
Sample loading	Handling of racks with a mix of capped and uncapped tubes
Sample sorting	Based on prefix/suffix, cap color, tube width and height
Supported barcode types	Code 39, Code 128, Interleaved 2 of 5, Codabar, Code 93
Noise level	< 65 dBA
Electrical supply	100–240 V | 50/60 Hz | 300 W
Weight	185 kg
Operation temperature range	10–40 °C
Connection (source of information)	LIS/middleware, etc.
Communication drivers	ASTM / web service
Connection mode	Host —query or download
Regulatory	CE marked, ROHS compliant, REACH

NGNY DEVICES

Activate your ingenuity
Connect with NGNY

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NGNY guarantees the availability of spare parts for at least 7 years from the date of manufacture.
The useful life of the machine is estimated to be 7 years under normal operating conditions.