

# CUBE S Datasheet

Release 3.0

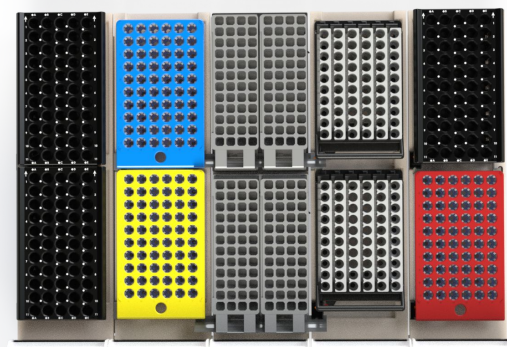
Smart workflow management and sorting from rack to rack in a compact and robust design.



## Highlights

- Continuous loading, registration and sorting of sample tubes from/to racks
- Efficient tracking and routing based on pending tests and priority
- 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

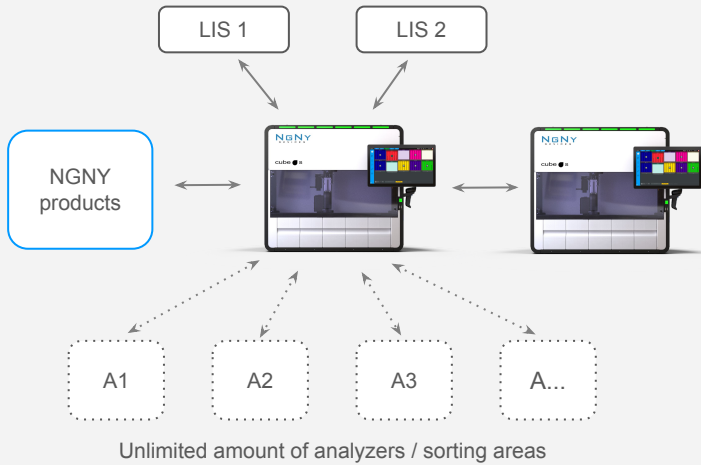
- 1 Status indicator lamp
- 2 Internal barcode scanner
- 3 Barcode orientation within rack
- 4 Robot for sorting tubes into racks
- 5 Customizable rack input and output zone
- 6 Integrated software for intelligent tube routing
- 7 Intuitive interface and software
- 8 Buffer rack with repicking function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



## 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

Intelligent management of two simultaneous LIS / middleware etc. connections

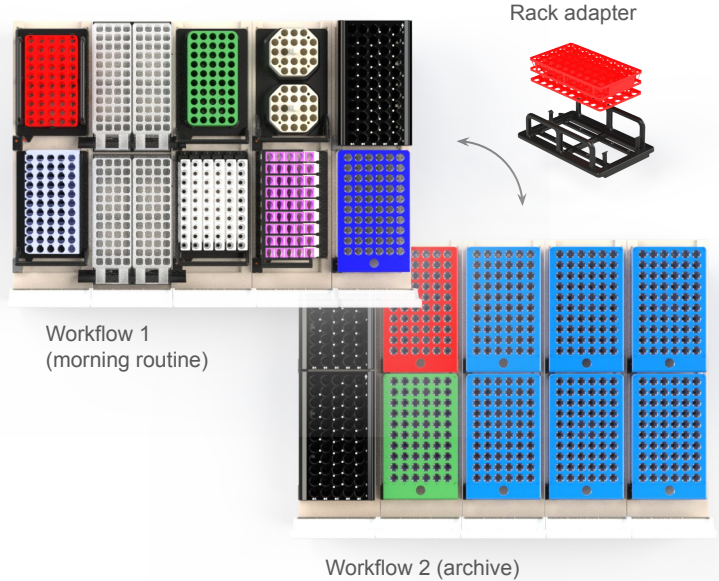


### Smart workflow management

- 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



### Technical specifications summary

Dimensions (W x D x H)	1100 x 1050 x 1000 mm
Throughput up to	700 tubes/hr
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
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 temp. 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