

cobas p 512 pre-analytical system

Adapting to today's needs.

Flexible for tomorrow's demand.

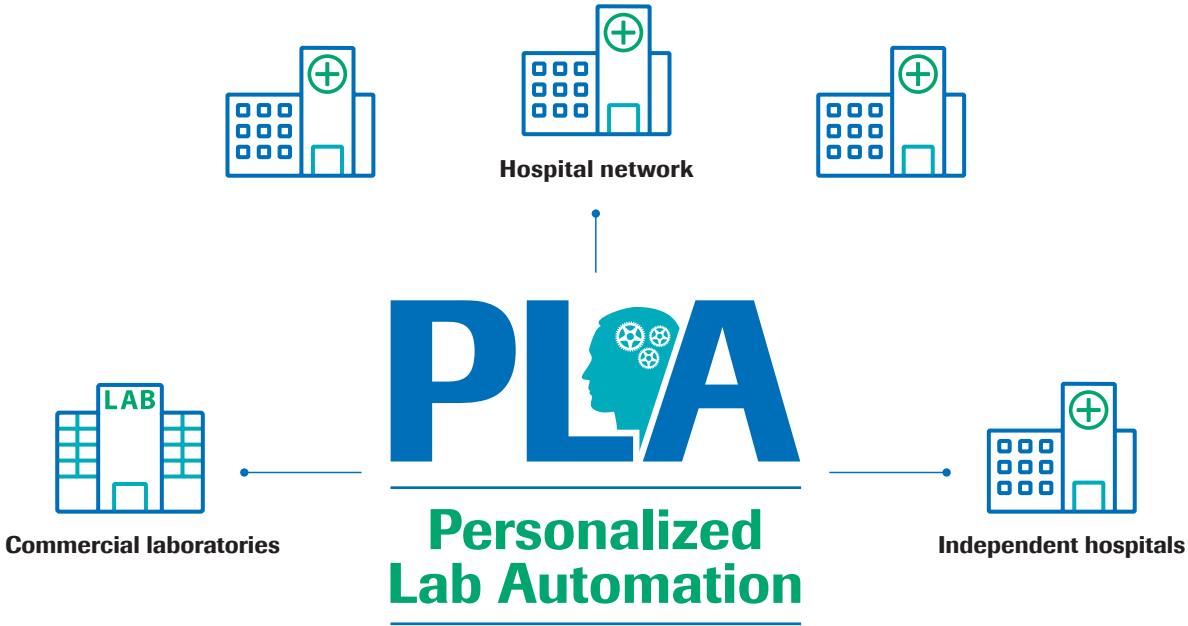
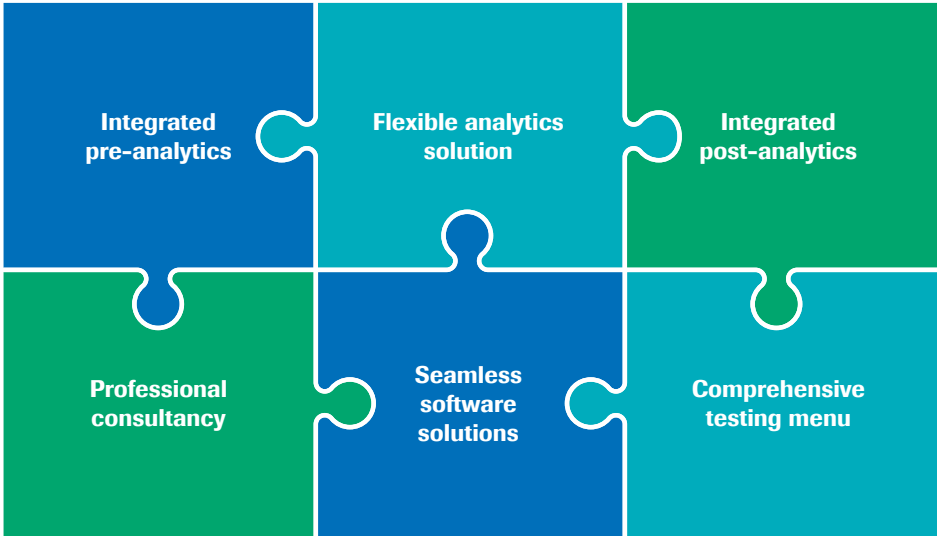


Personalized Lab Automation

Maximizing Testing Efficiency and Medical Value



At Roche, laboratory automated solutions deliver the quality and reliability you expect, with the personalization required by low-, mid- and high-volume laboratories.



- 1. Virtual Automation**
To have the control you need, ensuring quality and efficiency across your lab, Virtual Automation gives you the capability to track your samples and reduce manual tasks through the cobas software solutions.
- 2. Standalone Automation**
Pre- and post-analytical tasks are automated, offering maximum efficiency through flexible standalone solutions. It significantly reduces manual steps in the lab, enhancing error handling, safety and process quality.
- 3. Connected Automation**
In addition to having all the benefits of Standalone Automation, Connected Automation offers transportation. Physically connecting different instruments allows maximum predictability of time to test results.

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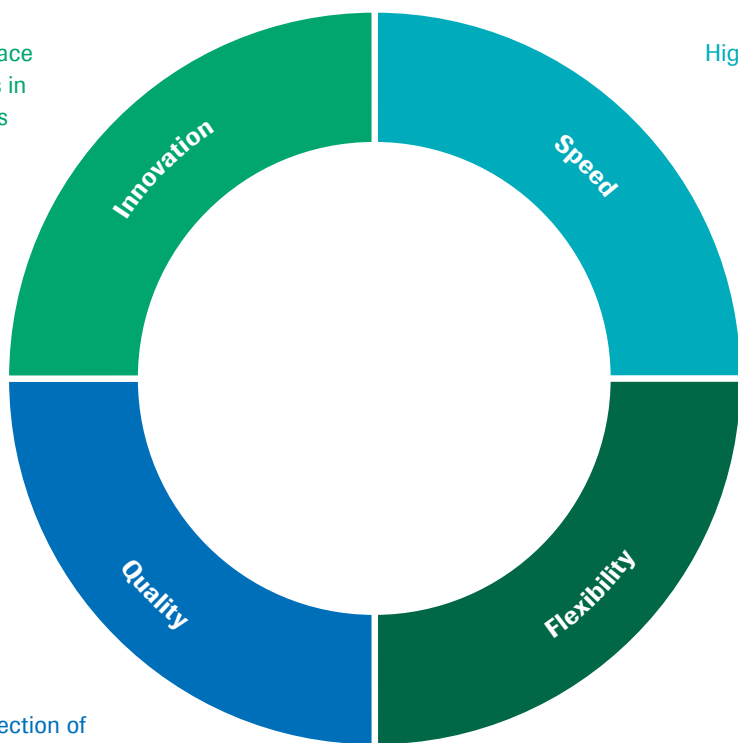
Innovation

cobas p 512 is the best answer to face emerging challenges in laboratory operations by offering the following innovative functionalities:

- Upgradable to connected automation
 - Validated for Molecular Diagnostics
 - Easy to add functionalities
 - Comprehensive inspection of samples quality
- Designed for today and tomorrow, to keep you competitive in a changing environment

Innovation

The best answer to face emerging challenges in laboratory operations



Speed

High productivity without compromising space and safety

Quality

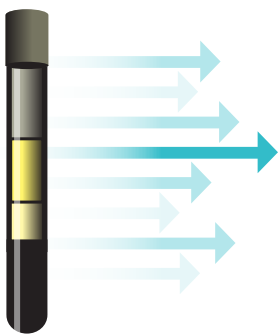
Comprehensive inspection of sample quality at an early stage

Flexibility

Adapts to the lab's sample handling needs

Speed

cobas p 512 is designed for laboratories that require high productivity. It delivers speed without compromising space and safety.



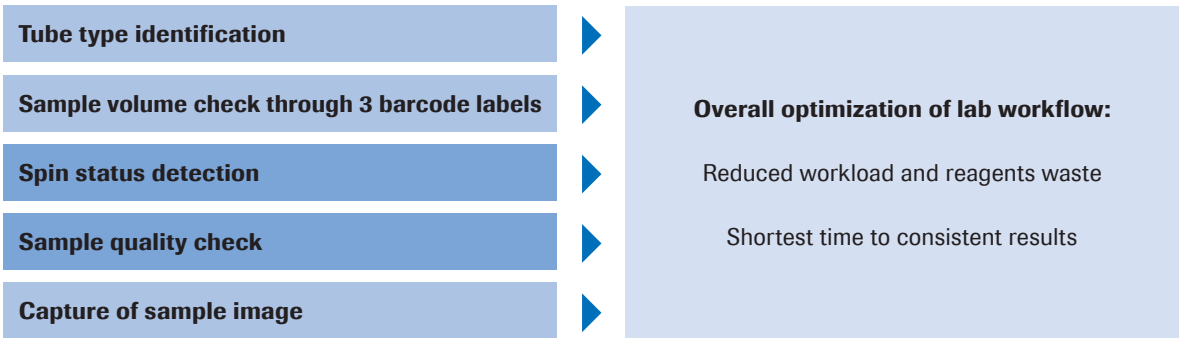
Throughput of up to 1400 samples/hour

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Earlier inspections of samples. Good to go!

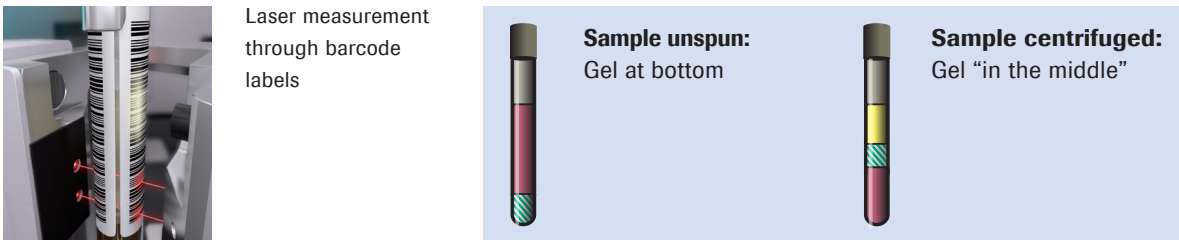
Quality checks

cobas p 512 performs comprehensive inspection of samples at an early stage, maximizing workflow efficiency.



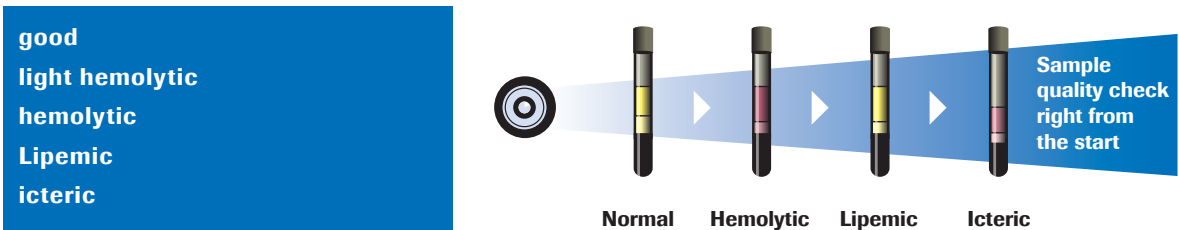
Automated spin status detection

cobas p 512 detects whether blood samples have been centrifuged or not. Spin status enables a greater workflow efficiency, preventing unspun samples from being tested. Measurements are made via laser through 3 barcode



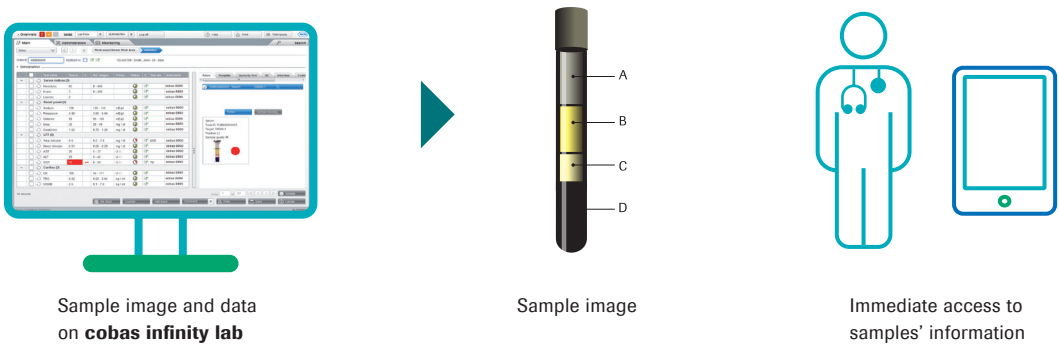
Automated sample quality check

cobas p 512 checks the sample through a high definition camera, classifying sample quality into 5 different user-defined categories.



Capture of sample image

A valuable support for your medical decisions, enhancing reliable and fast results.



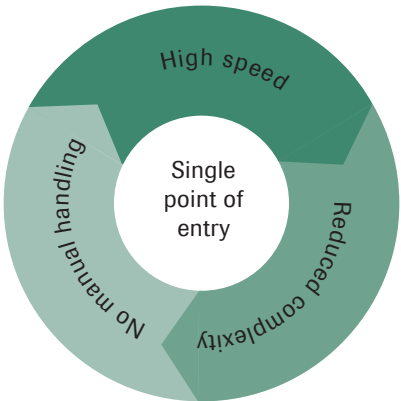
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Flexibility to adapt to your needs



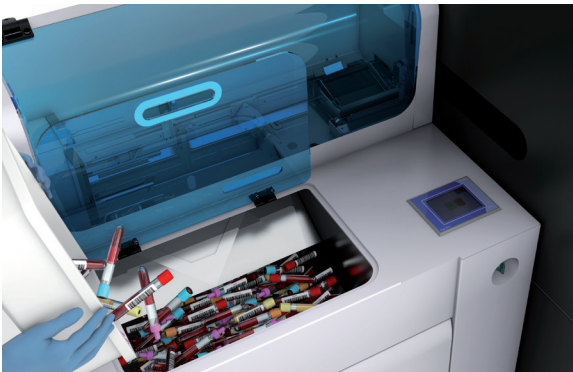
Single point of entry for convenient sample loading

Through convenient sample loading, the **cobas p 512** is the ideal single point of entry for reduced complexity. There is no need to pre-sort sample tubes prior to loading.



Adapt the sorting area to your workflow and stay flexible

- Sorting areas are freely definable
- Supporting a wide variety of racks from Roche and other vendors



Input area – Bulk loading

Single point of entry to automate all lab disciplines

A solution compatible with all lab disciplines

Chemistry	Immunochemistry
Hematology	Coagulation
Urinalysis	Molecular Diagnostics
Others	

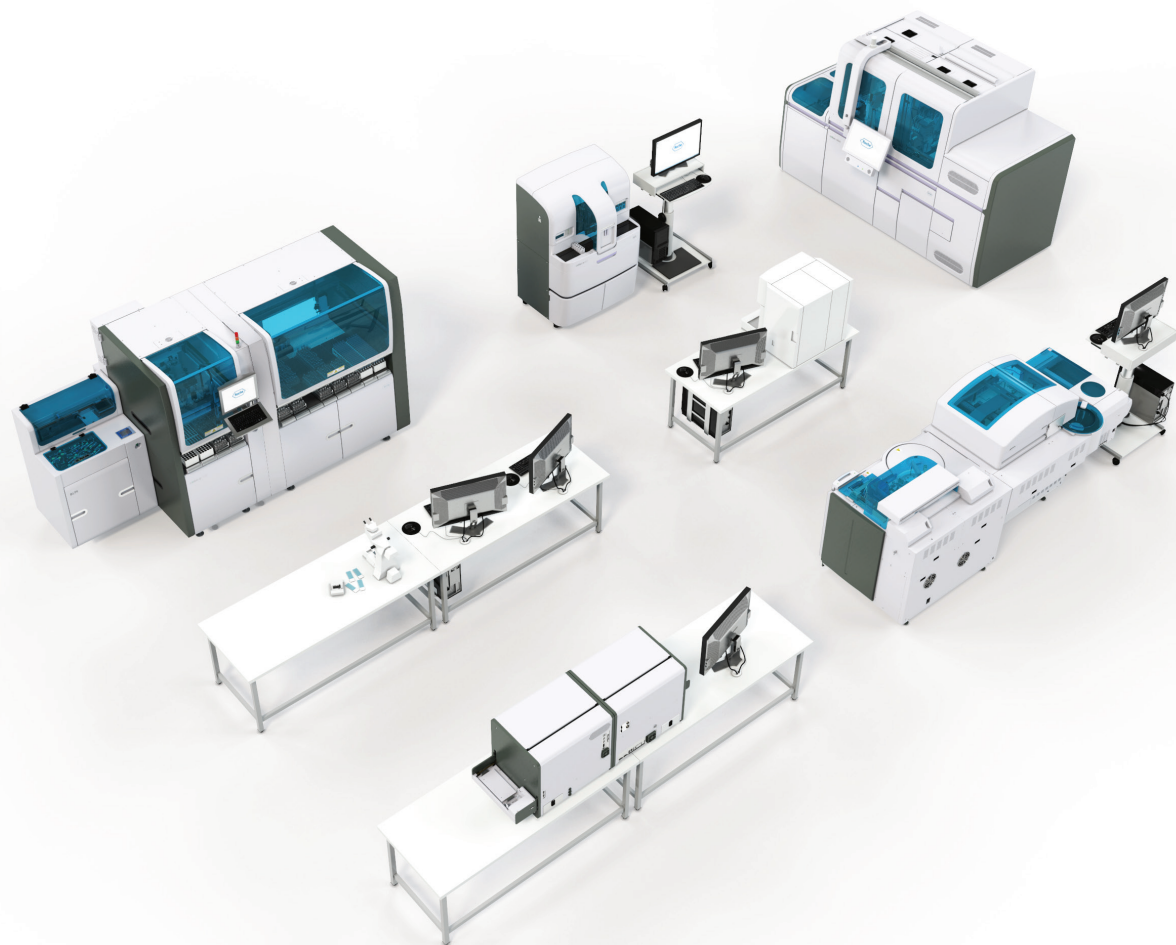
Centralizes and automates sorting decisions while saving time

- No manual re-racking from beginning to end
- First pass and recursive workflow



Evolution of cobas p 512

Validated for Molecular Diagnostics



**Safe –
Validated for cross-contamination
compliance**

The **cobas p 512** is validated for both
serology and molecular diagnostics testing.

Clinical laboratory

NAT virology laboratory

Blood screening laboratory

A safe choice for a wide variety
of laboratories

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