

## **cobas p 512 pre-analytical system**

*Adapting to today's needs.*

*Flexible for tomorrow's demand.*

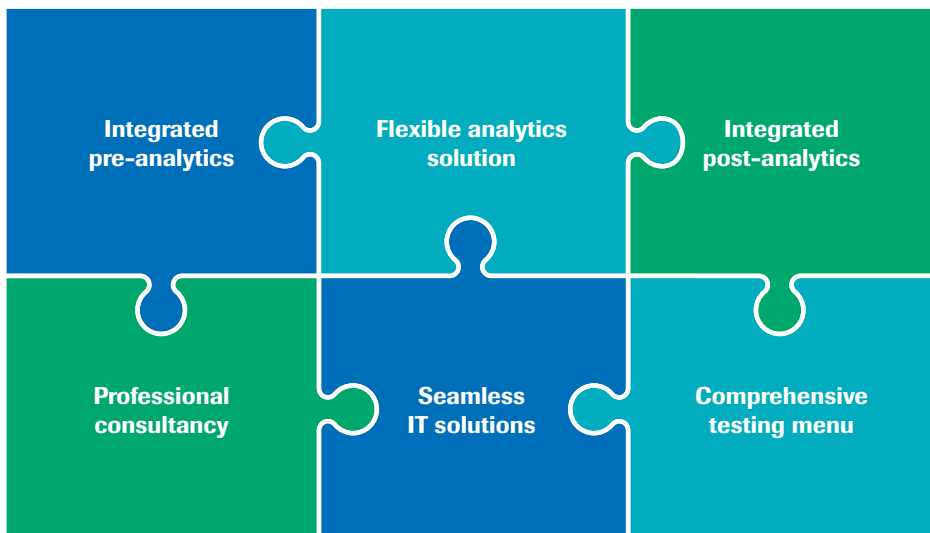


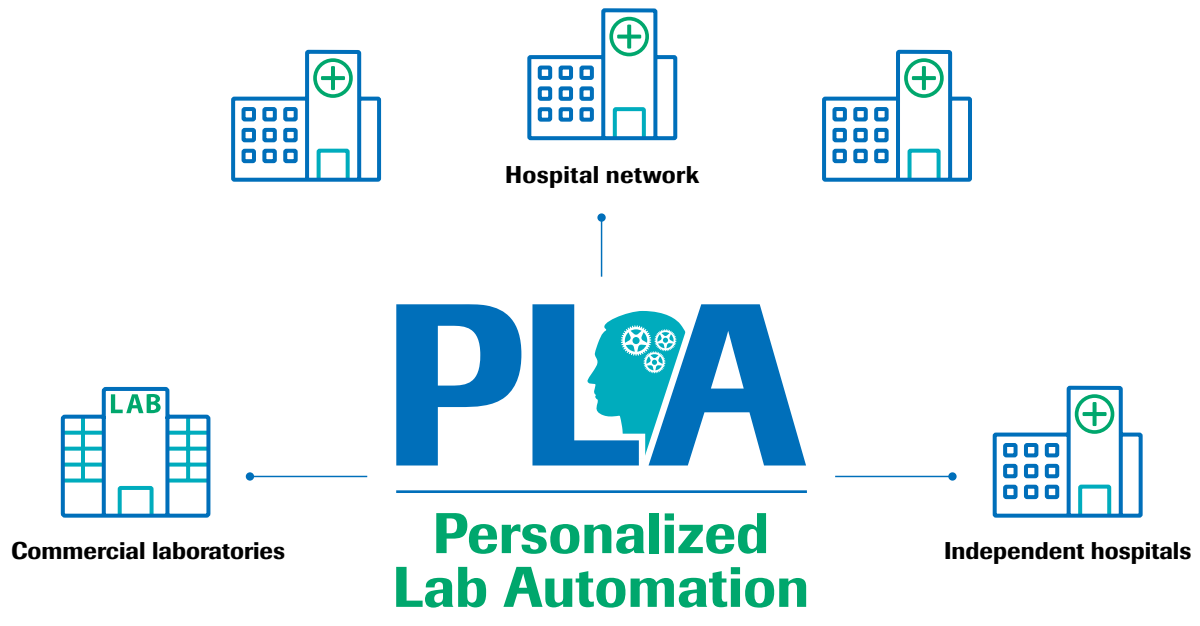
# Personalized Lab Automation

*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 IT 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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*Everything designed to work together as one*

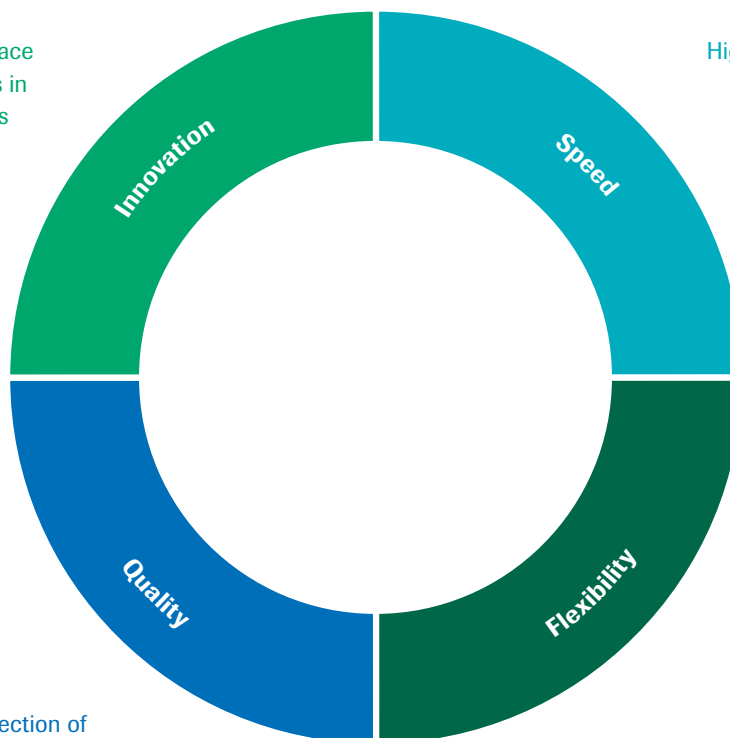


## Innovation

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

## 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**

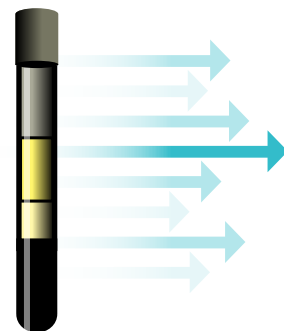
**Easy to add functionalities**

**Comprehensive inspection of samples quality**

**Designed for today and tomorrow, to keep you competitive in a changing environment**

## Speed

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



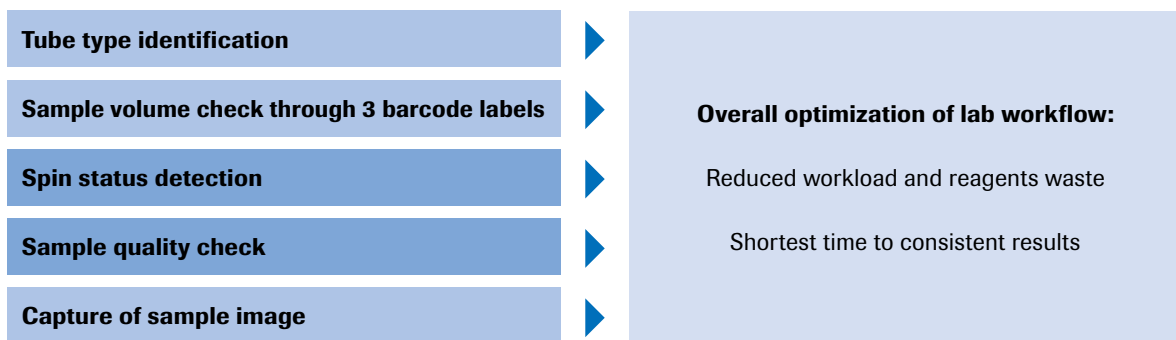
Throughput of up to 1400 samples/hour

# cobas p 512 pre-analytical system

*More early inspections of samples. Good to go!*

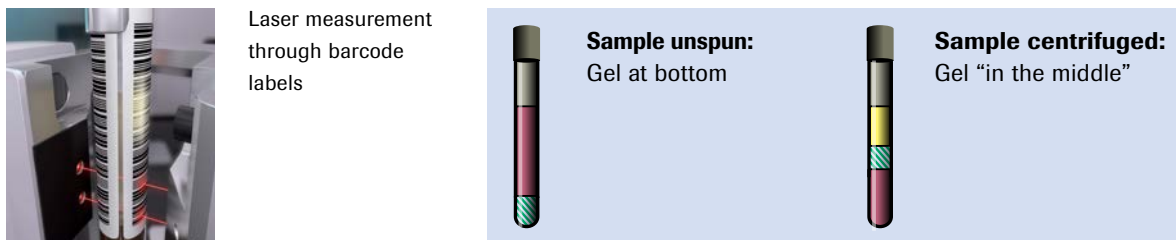
## Quality checks

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



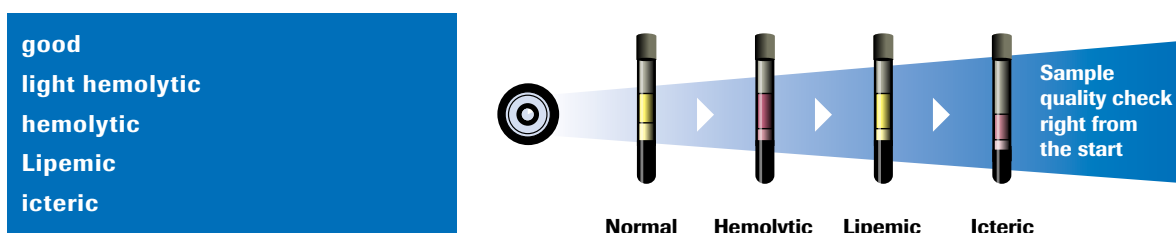
## Automated spin status detection

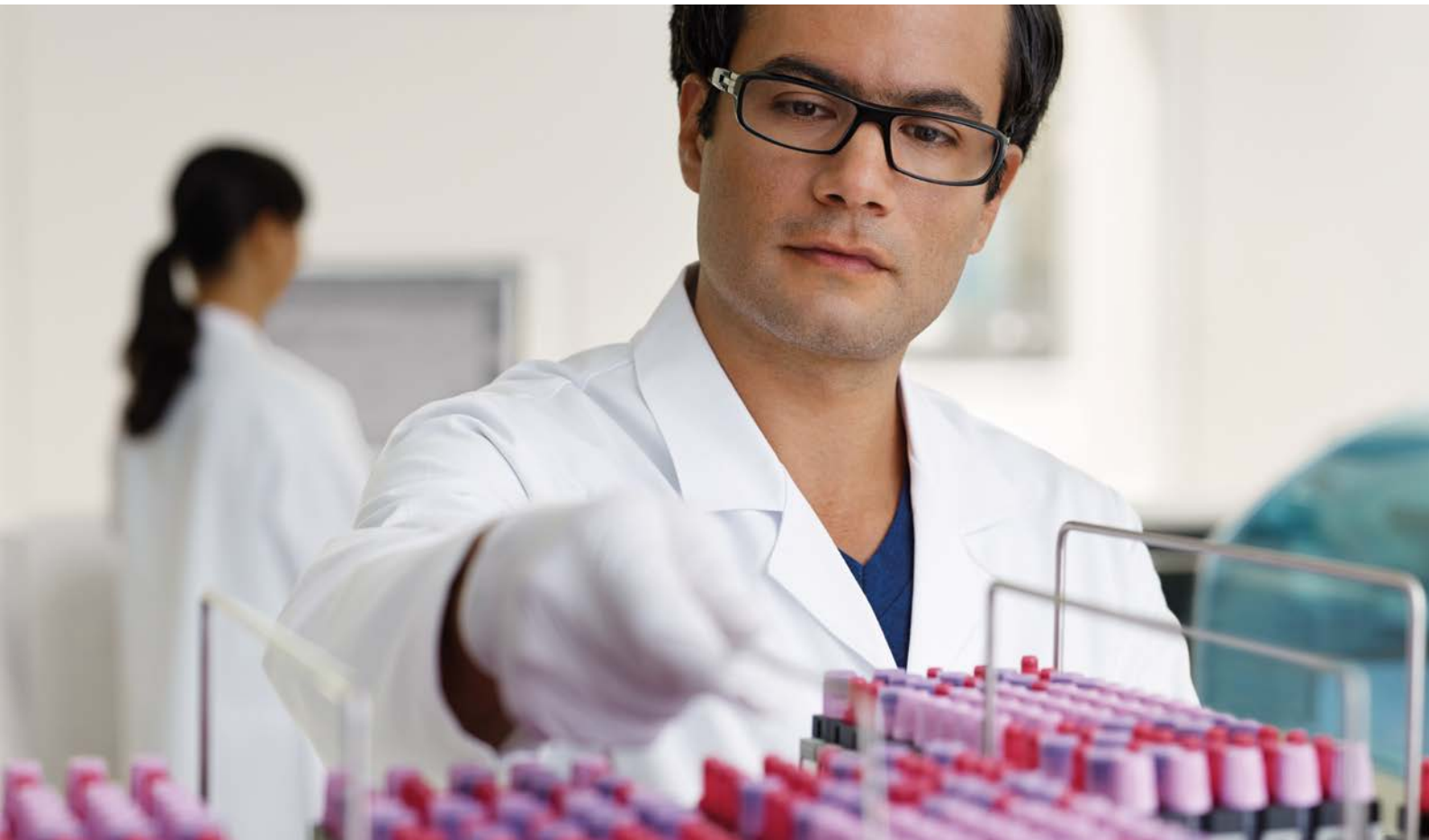
cobas p 512 detects whether blood samples have been centrifuged or not. Spin status enables a greater workflow efficiency, preventing unspun samples from being tested. Measurements are made via laser through 3 barcode labels.



## Automated sample quality check

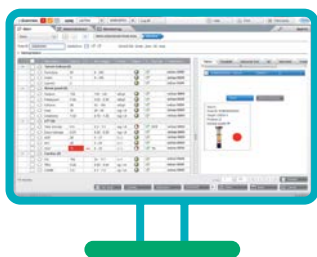
cobas p 512 checks the sample through a high definition camera, classifying sample quality into 5 different user-defined categories.



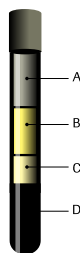


### Capture of sample image

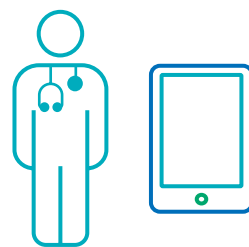
A valuable support for your medical decisions, enhancing reliable and fast results.



Sample image and data on **cobas** IT solution



Sample image



Immediate access to samples' information

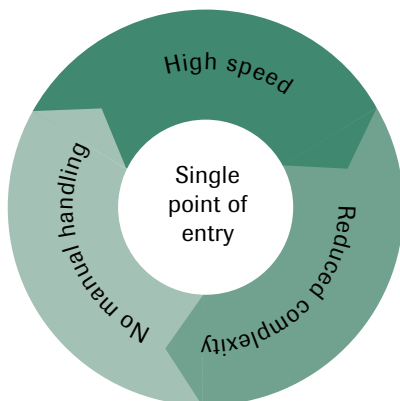
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## *Flexibility to adapt to your needs*



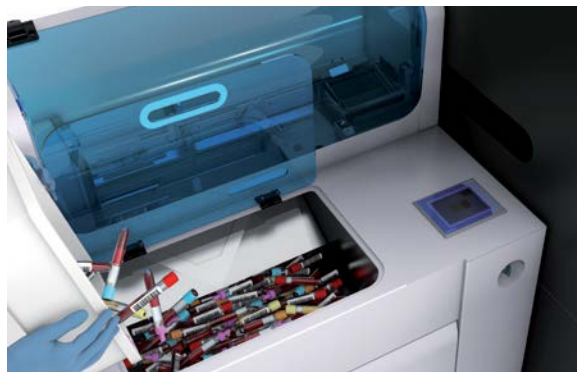
### Single point of entry for convenient sample loading

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

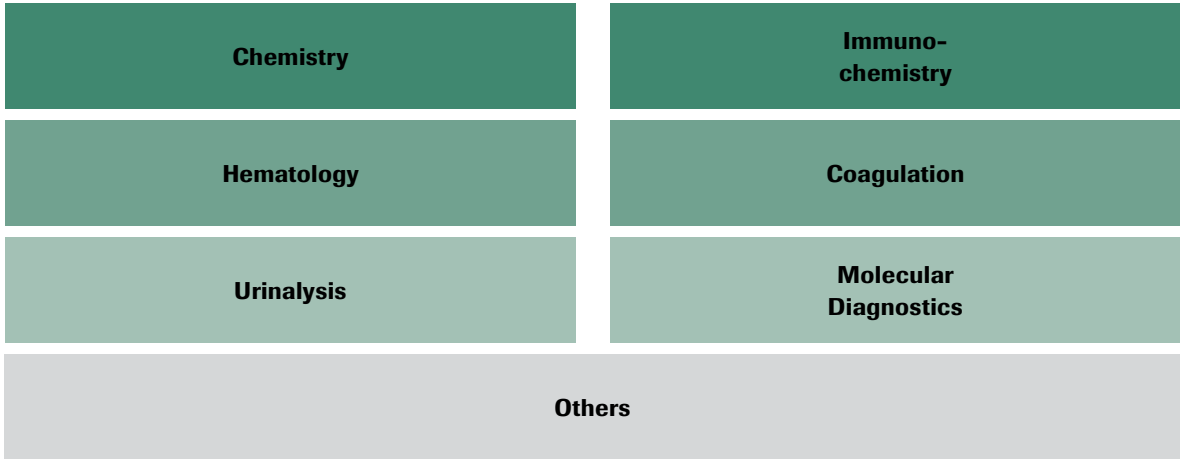


Input area - Bulk loading



# Single point of entry to automate all lab disciplines

A solution compatible with all lab disciplines



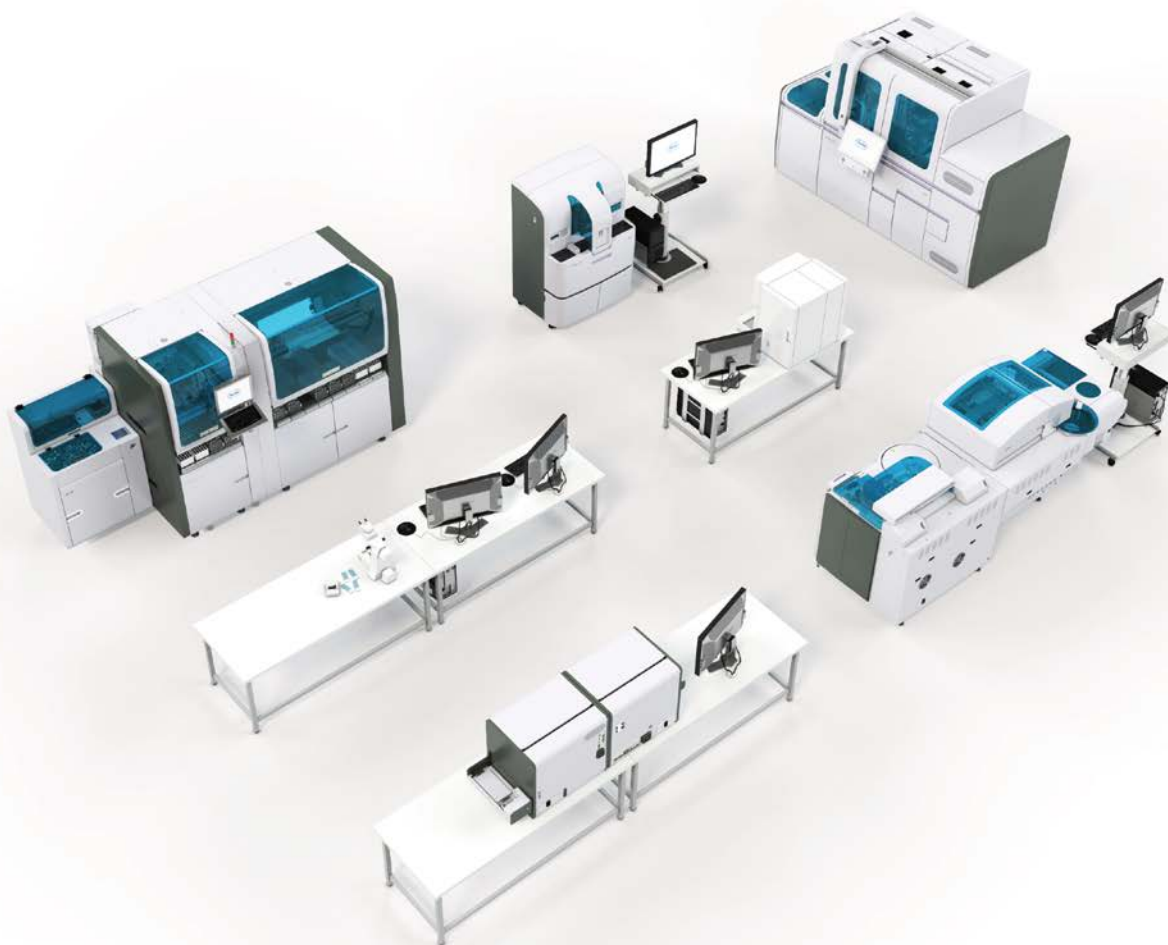
Centralizes and automates sorting decisions while saving time

- 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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