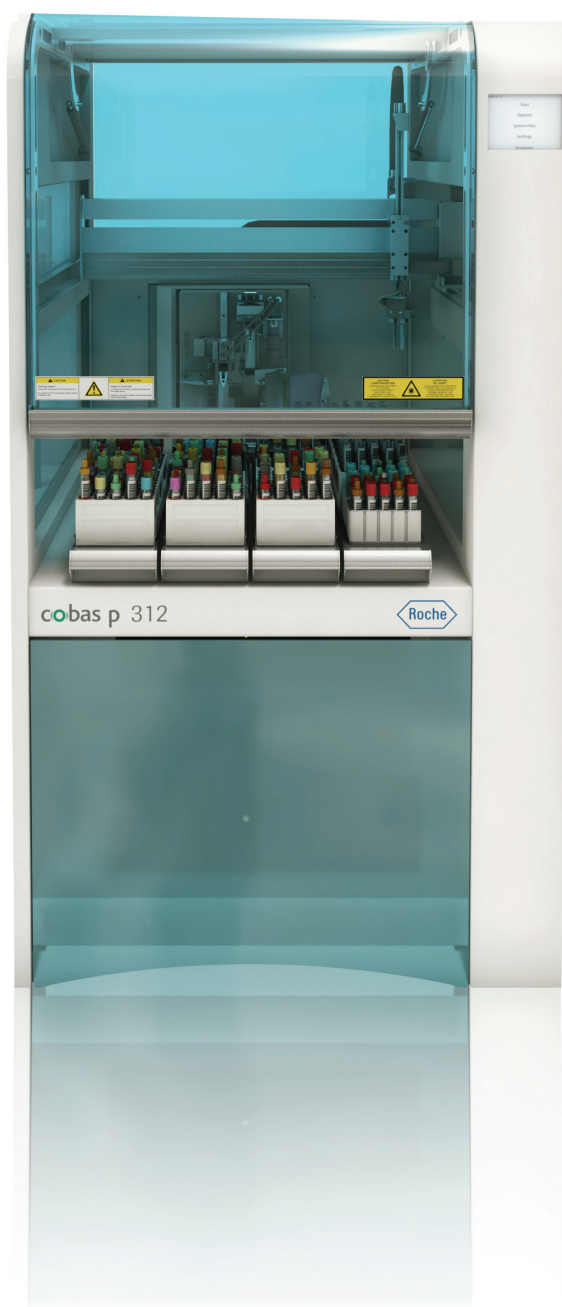


# cobas p 312 pre-analytical system

## *The new dimension of laboratory automation*



The **cobas p 312** pre-analytical system from Roche Diagnostics is a compact, stand-alone solution for decapping, sorting and archiving of all sample tubes for the laboratory including chemistry, immunoassay, hematology, coagulation and urinalysis.

- Small compact footprint
- Sample registration
- Selective decapping
- Flexible sorting
  - Works with most common tube types
  - Sorting out of centrifuge buckets
  - Sorting into and out of analyzer racks
  - Sorting into archive racks
- Sample archiving
- Remote access for error handling and service

**Throughput of up to 450 tubes per hour**



# cobas p 312 pre-analytical system

## *Automation within reach*

Expert sample management is no longer a question of size – the **cobas p 312** pre-analytical system is the beginning of a new dimension of efficiency in laboratory automation. This system is designed to help meet the needs of customers who are challenged with staffing issues, capacity to accommodate growth, and the requirement to introduce a standardized front end process to reduce pre-analytical errors. The **cobas p 312** pre-analytical system combines superior sample management and increased workflow efficiency with a high density of functionality all on a small compact footprint.

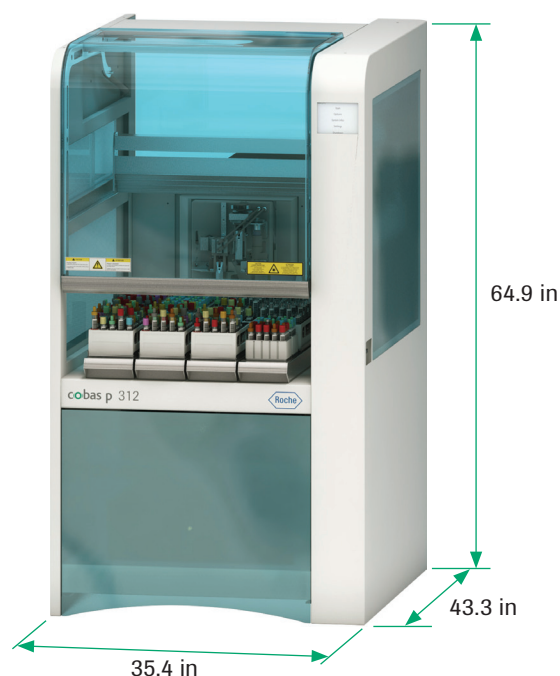
### Efficiency on a small footprint

#### Sample registration

- + Selective decapping
- + Sorting of all common tube types into analyzer specific racks
- + Recursive workflow
- + Archiving

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= **Small compact footprint**



## *Technical specifications*

### System description

- Compact stand-alone system for decapping, sorting and archiving with flexible input and output areas

### Carriers

- Standard racks, analyzer racks, centrifuge buckets and archive racks

### Tube types

- External tube diameter from 11.6 up to 15.5 mm
- Total height from 65.5 up to 108 mm
- Other tubes on requests

### Dimensions

- Width: approx. 35.4 in
- Depth: approx. 43.3 in
- Height: approx. 64.9 in
- Weight: approx. 683.43 lbs

### Connections

- Air pressure: min. 6 bar (87 psi), max. 6.5 bar (94 psi)
- Air consumption: approx. 20 L/min, 5.32 gals/min
- Power consumption: approx. 450 W
- Voltage: 230 V / 50 Hz (fuse 3.15 AH) and 115 V / 60 Hz (fuse 6.3 AH)

### Throughput

- Up to 450 tubes per hour

### Material number

- **cobas p 312** pre-analytical system standard configuration: 06459315001

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Roche Diagnostics Corporation  
9115 Hague Road  
Indianapolis, IN 46256