



## cobas<sup>®</sup> pro integrated solutions

### *Simplicity meets excellence*

Designed to meet your mid- to high-volume clinical chemistry and immunochemistry testing needs, **cobas<sup>®</sup> pro** integrated solutions is the latest innovation in the Roche **cobas<sup>®</sup>** family of analyzers. The state-of-the-art solution offers a range of advanced features that help you optimize workflow, improve productivity, and enhance reliability and turnaround times to support patient care.

#### Boost efficiency

- High-speed analytical units
- Intelligent sample routing
- Industry-leading assay incubation times, with 9-minute STAT and 18-minute routine immunochemistry assays<sup>1,2</sup>
- **cobas<sup>®</sup>** green packs provide more tests/pack and onboard stability of up to 6 months for chemistry and up to 4 months for immunoassays

#### Minimize operator intervention

- Continuous loading of reagents and consumables
- Automated maintenance executes tasks in background
- Automated calibration with **cobas<sup>®</sup>** AutoCal
- Seamless integration into lab automation

#### Count on reliable and safe solutions

- Radio frequency identification (RFID)-tagged reagents and consumables enables error-free handling
- **cobas<sup>®</sup>** SonicWash eliminates daily maintenance on the **cobas c 503** analyzer, which ensures sample integrity and reduces clot events

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## Technical Specifications



### 01 Sample supply unit

Up to **1000** samples per hour processing capacity  
Up to **300** samples direct loading  
Up to **300** samples direct unloading  
or bi-directional connectivity to lab automation

### 02 ISE analytical unit

Up to **900** tests per hour  
up to **300** samples/900 tests per hour

### 03 cobas c 503 analytical unit

Up to **1000** tests per hour  
**60** reagent positions  
Reaction time: **3-10** minutes

### 04 cobas e 801 analytical unit

Up to **300** tests per hour  
**48** reagent positions  
Reaction time: **9/18/27** minutes

Electrical Power Supply	cobas <sup>®</sup> pro integrated solutions
<b>Output</b>	<ul style="list-style-type: none"> <li>200 / 208 / 220 / 230 / 240 V</li> <li>50 / 60 Hz</li> </ul>
<b>Power consumption</b>	<ul style="list-style-type: none"> <li>Whole system: ≤ 5.5 kVA</li> <li>Sample supply unit and Sample buffers: &lt; 0.8 kVA</li> <li>ISE: &lt; 0.4 kVA</li> <li><b>cobas c 503</b> analytical unit: &lt; 2.4 kVA</li> <li><b>cobas e 801</b> analytical unit: &lt; 2.4 kVA</li> <li>Single phase</li> </ul>

	Sample supply unit Including monitor:	ISE analytical unit	cobas c 503 analytical unit Including sample buffer:	cobas e 801 analytical unit Including sample buffer:
<b>Dimensions: W x D x H</b>	52.0 x 46.7 x 56.3 in	17.7 x 45.3 x 45.7 in	59.1 x 44.9 x 53.3 in	59.1 x 44.9 x 53.3 in
<b>Weight</b>	551 lb	375 lb	1742 lb	1610 lb
<b>Max. liquid waste volume</b>			Concentrated liquid waste volume: < 2 L/h Normal liquid waste volume: < 30 L/h	Concentrated liquid waste volume: < 7 L/h Normal liquid waste volume: < 22 L/h
<b>Relative humidity</b>			30 - 85% non-condensing	30 - 85% non-condensing
<b>Deionized water consumption (average)</b>		ISE: < 2 L/h	Approx. 32 L/h	< 30 L/h
<b>Max. altitude above sea level</b>			2,000 m	2,000 m
<b>Ambient temperature</b>			18-32°C during operation	18-32°C during operation
<b>Noise emission to environment</b>			< 65 dbA in operation < 56 dbA in standby	< 65 dbA in operation < 56 dbA in standby

### References

1. Internal market research of immunoassay vendors (Roche, Siemens, Abbott). Data on file.
2. Roche **cobas e 801** Immunoassay Method Sheets.

[diagnostics.roche.com](http://diagnostics.roche.com)

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