



cobas® pro integrated solutions

Simplicity meets excellence

Designed to meet your mid- to high-volume clinical chemistry and immunochemistry testing needs, **cobas® pro** integrated solutions is the latest innovation in the Roche **cobas®** 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^{1,2}
- **cobas®** 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®** 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®** SonicWash eliminates daily maintenance on the **cobas c 503** analyzer, which ensures sample integrity and reduces clot events

cobas[®] pro integrated solutions

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

	Sample supply unit Including monitor:	ISE analytical unit	cobas c 503 analytical unit Including sample buffer:	cobas e 801 analytical unit Including sample buffer:
Dimensions: W x D x H	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
Weight	551 lb	375 lb	1742 lb	1610 lb
Max. liquid waste volume			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
Relative humidity			30 - 85% non-condensing	30 - 85% non-condensing
Deionized water consumption (average)		ISE: < 2 L/h	Approx. 32 L/h	< 30 L/h
Max. altitude above sea level			2,000 m	2,000 m
Ambient temperature			18-32°C during operation	18-32°C during operation
Noise emission to environment			< 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.

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