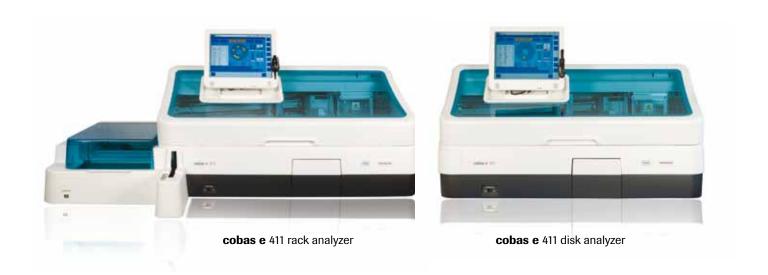
cobas e 411 analyzer

take your lab to the next level



- · Up to 86 tests/hour
- · Clot and liquid level detection
- System memory up to 2,000 results (samples and QC) that can be downloaded to a USB drive
- Automatic sample dilution upon request
- · Windows XP-based control unit
- · Individual and cumulative QC
- · Preprogrammable calibrators and controls





Feature	cobas e 411 analyzer	
System	Fully automated, immunoassay analyzer for random access processing of ECL-based immunoassays	
	(cobas e system format)	
Types of modules	• cobas e 411 disk analyzer	 Optional System Table (cabinet); Optional
	• cobas e 411 rack analyzer	System Table Extension (for printer)
System components	Self contained bench top analyzer comprising an analytical unit and a customized user interface	
System interfaces	RS232 serial interface, bidirectional	
hroughput	Up to 86 tests/hour	
lumber of reagent channels	18 channels (reagent slots) for maximum of 18 tests	
Programmable test parameters	N/A, programming-by-loading (PBT) concept, application data are transferred without operator	
	intervention from the 2D barcode of the reagent pack (RP) into the instrument database	
Sample material	Serum/plasma, urine, others	
Sample input/output	 Disk Model: 30 positions for samples, calibrators and controls 	
	 Rack Model: 15 racks with 5 samples each (= 75 samples in/out) 	
	STAT port: STAT samples are processed with priority	
Sample volume	10 – 50 µl	
Sample clot detection	Standard (pressure sensor)	
Sample barcode types	Code 128; Codabar (NW 7); Interleaved 2 of 5; Code 39	
Control unit	Microsoft® Windows® XP-based panel PC	
Calibrator/QC input	cobas e system-specific barcoded CalSet vials on disk or racks	
Calibration methods	Lot calibration (L-cal); Reagent Pack (RP) calibration (R-Cal)
QC methods	Individual QC and cumulative QC	Preventive QC after calibration of the
	 Up to 100 controls pre-programmable 	stand-by cobas e packs
Data storage capacity	The memory contains data files necessary for the analyzer	QC Data File: Capacity up to 100 controls
	and software to work together:	Operating Parameter Data File: Up to
	Reagent Data File: Up to 300 reagent packs	305 reagent applications
	Sample Data File: Up to 2000 test records	Up to 20 operator IDs
	(for samples and controls)	
	Calibration Data File: Up to 160 calibrators	
Electrical requirements	• 230/110 Volts AC; 1,000 kVA (disk), 1,250 kVA (rack)	
	• Frequency: 50 Hz or 60 Hz +/- 0.5%	
Water/Waste requirements	Water: Bacteria free, de-ionized water supply, resistance or	f < 10 uS/cm
	Liquid waste: Onboard waste container (4 liter), direct drain optional	
Operating conditions	Ambient temperature: 18 to 32°C	
	Ambient humidity: 20 to 80% RH (without condensation)	
	Heat Output: 2,879 kJ/hr (analyzer unit)	
	Noise Output: 60 dBA (stand-by), 63 dBA (operation avg.)	
Physical dimensions	• Width (disk/rack): 120 cm / 170 cm 47.2 in / 67 in	
	• Depth (disk/rack): 73 cm / 95 cm 28.7 in / 37.4 in	
	• •	onened ton cover)
	Height: 80 cm / 31.4 in (closed top cover) 109 cm / 43 in (closed top	opened top cover)

For more information, contact your Roche representative, call 1-800-852-8766 (option 7) or visit MyLabOnline.com.

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