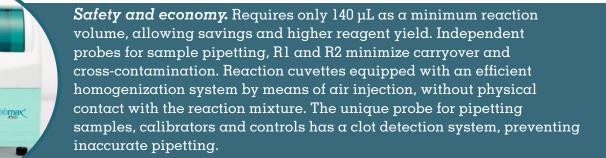


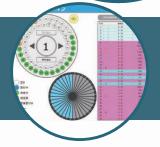
Labmax 450i

State-of-the-art technology and excellent operating performance are together in this compact, easy-to-operate analyzer. High productivity, performs up to 450 tests per hour, with low consumption of water and reagents, ensuring accuracy and precision.



Efficiency and productivity. It performs 270 photometric tests per hour and productivity can reach up to 450 tests associated with the ISE module (optional). There are 36 positions for reagents in a refrigerated tray, equipped with a barcode reader and liquid level control. The sample tray has 30 sample positions and another 15 for calibrators, controls and rush samples. Accommodates primary (collection) tubes or specific cuvettes.





Quality, accessibility and integration. Agility in preparing the routine by registering the work list in a single screen. Real-time monitoring of analytical runs through specific graphics and screens. Quality control performed using multiple Westgard rules. Software in Windows environment for easy operation and integration.

une/2019



Model specifications

	Rated speed	 270 photometric tests/hour 450 tests when combined with ISE module
	Reagents	 Barcode reader 36 positions Refrigerated Aspiration volume: R1: 140-300 µL and R2:20 – 260 µL Digital liquid level detector
	Sample	 Barcode reader 30 sample positions (virtual trays for calibrators, controls and blank) Aspiration volume: 2 to 25µL (range 0.1 µL) Digital liquid level detector Automatic sample dilution Onboard hemolysis for HbAlc testing
	Reaction	 Buckets produced with special plastic material (avoids cross-reactions, especially with latex reagents) Reaction volume: 140 to 400 µL Total reaction time: 10 minutes Reading canned cycle Real-time monitoring
	Water consumption	Maximum 3.8 liters/hour
	Photometric system	 Photometer with diffraction grating with 13 different wavelengths (340, 380, 405, 450, 480, 505, 546, 570, 600, 660, 700, 750, 800) Biochromatic reading Tungsten halogen lamp
	Washing system	 Automatic washing of reaction cuvettes Uses acidic and alkaline solutions Internal and external probe washing
	Homogenization system	Air injection
	Quality control	Westgard multiple rules and Levey-Jennings graph
	ISE	 Optional module (sodium, potassium and chlorine) Speed 180 tests/hour
	Interface system	Bidirectional Ethernet output
	Software	Windows environment
	Dimensions (H x W x D)	55,5 x 80 x 67 cm
	Weight	95 kg



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