

VERCENTRA

CH - 200

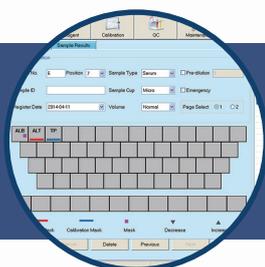
Compact benchtop biochemical and turbidimetric analyzer with high on-board reagent capacity, economical and efficient.



High capacity and a speed of 200 photometric tests per hour. There are 80 positions for reagents in a refrigerated tray, with optional barcode reading and real-time management. The sample tray has 40 positions with integrated random access for routine and emergency analysis.



Efficient and economical. Only 150 μL are needed for a reaction, promoting a higher yield of reagents. Automatic and efficient washing of the 44 reaction cuvettes.



Quality and safety during test execution. Software that allows reagent tray management, identification of dirty cuvettes, programming of washes between tests to prevent cross-contamination and definition of access privileges for each user.

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Model specifications

March/2026

Rated speed	200 photometric tests/hour
Reagents	<ul style="list-style-type: none"> • Optional barcode reader • Up to 80 positions • Refrigerated tray • Aspiration volume: 20 to 300 μL (1 μL interval) • Container: 40 mL and 15 mL
Samples	<ul style="list-style-type: none"> • Optional barcode reader • 40 position for samples • Aspiration volume: 2 to 30 μL (range 0.1 μL)
Reaction	<ul style="list-style-type: none"> • 44 reusable plastic cuvettes • Reaction volume: 150 to 330 μL • Fixed cycle: 18 seconds • Total reaction time: 10 minutes
Methodologies	<ul style="list-style-type: none"> • Kinetics and end point • Biochemical and turbidimetric tests • Linear and non-linear calibration
Photometric system	<ul style="list-style-type: none"> • Photometry with diffraction grating with 8 different wavelength (opcional com 12 different walvelength) • Bichromatic reading • Halogen lamp
Washing system	<ul style="list-style-type: none"> • Automatic washing of the cuvettes • Uses only one solution to wash the cuvettes • Water consumption: 8 L/h
Homogenization system	Mixer independent
Pipetting system	<ul style="list-style-type: none"> • Pipetting probe for reagents and samples • Level detector for samples and reagents
Interface system	TCP/IP network connection
Software	Windows environment
Quality control	Westgard's multiple rules
Dimensions (HxWxL)	53 x 74,5 x 54 cm
Weight	80 kg

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