



# VERCENTRA

## CH - 200

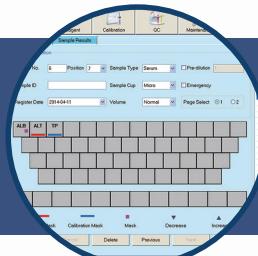
**Compact benchtop biochemical and turbidimetric analyzer with high on-board reagent capacity, economical and efficient.**



**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

January/2026

<b>Rated speed</b>	200 photometric tests/hour
<b>Reagents</b>	<ul style="list-style-type: none"> <li>• Optional barcode reader</li> <li>• Up to 80 positions</li> <li>• Refrigerated tray</li> <li>• Aspiration volume: 20 to 300 µL (1 µL interval)</li> <li>• Container: 32 mL and 16 mL</li> </ul>
<b>Samples</b>	<ul style="list-style-type: none"> <li>• Optional barcode reader</li> <li>• 40-position for samples</li> <li>• Aspiration volume: 2 to 30 µL (range 0.1 µL)</li> </ul>
<b>Reaction</b>	<ul style="list-style-type: none"> <li>• 44 reusable plastic cuvettes</li> <li>• Reaction volume: 150 to 330 µL</li> <li>• Fixed cycle: 18 seconds</li> <li>• Total reaction time: 10 minutes</li> </ul>
<b>Methodologies</b>	<ul style="list-style-type: none"> <li>• Kinetics and end point</li> <li>• Biochemical and turbidimetric tests</li> <li>• Linear and non-linear calibration</li> </ul>
<b>Photometric system</b>	<ul style="list-style-type: none"> <li>• Photometry with diffraction grating with 8 different wavelength (optional com 12 different wavelength)</li> <li>• Bichromatic reading</li> <li>• Halogen lamp</li> </ul>
<b>Washing system</b>	<ul style="list-style-type: none"> <li>• Automatic washing of the cuvettes</li> <li>• Uses only one solution to wash the cuvettes</li> <li>• Water consumption: 8 L/h</li> </ul>
<b>Homogenization system</b>	Mixer independent
<b>Pipetting system</b>	<ul style="list-style-type: none"> <li>• Pipetting probe for reagents and samples</li> <li>• Level detector for samples and reagents</li> </ul>
<b>Interface system</b>	TCP/IP network connection
<b>Software</b>	Windows environment
<b>Quality control</b>	Westgard's multiple rules
<b>Dimensions (HxWxL)</b>	53 x 74,5 x 54 cm
<b>Weight</b>	80 kg

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