

VITROS™ 450 Chemistry System

Compact and reliable for labs that make a big difference
in their community



Small world. Big impact.

Powering labs at the heart of
patient care.

Every result you deliver shapes someone's story. The VITROS 450 Chemistry System brings World-Class¹ Six Sigma diagnostic performance to every corner of care.

With a 98% uptime² and a simple, waterless design, it's built to empower you to do more with less.



Proven quality

Powered by our proven VITROS MicroSlide™ Technology, the VITROS 450 Analyzer reduces the burden on your lab's limited staff.

- Deliver World-Class or Excellent performance as defined by Six Sigma¹
- No risk of erroneous results from water contamination



Always ready

You can keep your lab running smoothly and increase time for what matters most — patient care.

- Always-ready operation
- Remote diagnostics
- Award-winning service³



Easy to use

With the VITROS 450 Analyzer, every operator is set up for success — all in less than a square meter.

- Simple operation with fewer interruptions
- Change reagents on the fly
- Up to six-month reagent calibration stability

Sized for your lab. Built for results.

The VITROS 450 Chemistry System is small on size, yet big on quality — delivering the same proven¹ chemistry performance you expect from VITROS — so you can feel confident in the results you deliver and the impact you have on every patient.



MicroSlide Reagents

Deliver world-class or Excellent performance as defined by Six Sigma¹



No carryover

Eliminate the risk of carryover with single-use consumables and waterless reagents



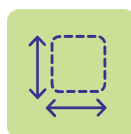
Proven performance

Minimize retesting with actionable results on the first run – 96.5% of the time⁴



Calibrators and supplies

Experience simplicity and consistency across consumables



Scalable platform

Streamline training, operations and user experience across all VITROS Systems

Proven uptime and powerful support

When you choose QuidelOrtho, you're gaining a partner committed to your success. Through our award-winning QuidelOrthoCQ™ Customer Experience Program, we deliver intelligence, ease and care at every touchpoint.

QuidelOrthoCQ™



98% uptime²



#1 Overall Manufacturer³



#1 Overall Service³



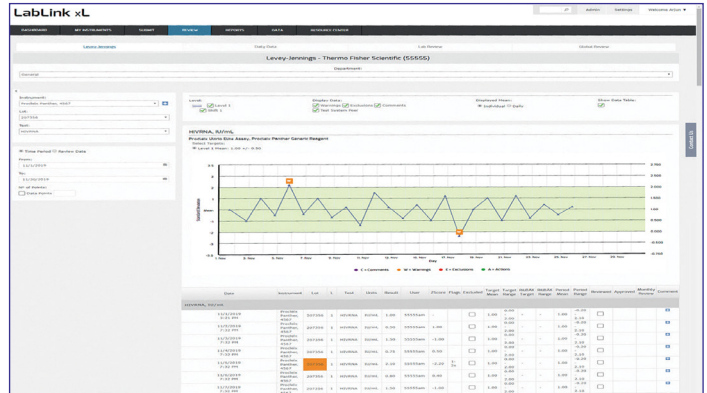
#1 Best System Performance³

Easy to operate. Efficient by design.

As labs face increased testing demand and staffing challenges, VITROS 450 Analyzer works with additional tools to make daily operations even easier and more efficient. By leveraging autoverification, performance dashboards and QC workflow management, your team will have more time to make the biggest impact in the lives of patients.



Manage all your results and lab performance from a single screen with QuidelOrtho RESULTS MANAGER™ System.⁵



Configured for VITROS System users, cloud-based Thermo Scientific™ LabLink xL™ QC software enables real-time monitoring and peer comparison with labs around the world when used with Thermo Scientific™ MAS™ Quality Controls.⁵

Reduced environmental impact. Healthier outcomes for your community.



Waterless technology



Uses 30% less energy⁶



Recyclable reagent packaging



Does not release microplastics⁷

1. Miller JJ, Gammie AJ. A Novel Approach for Routinely Assessing Laboratory Sigma Metrics for a Broad Range of Automated Assays. *J Appl Lab Med*. 2024;9(3):477–492. doi:10.1093/jalm/jfad125
2. Data on file, CL-100008-v1.
3. 2025, IMV ServiceTrak™ Award Summary, Automated Chemistry.
4. Data on file, CL-109799-v1.
5. Not part of the VITROS 450 Chemistry System. Available as a separate purchase.

6. Compared to the VITROS 350 Chemistry System.
7. Under intended use and reasonably foreseeable conditions.
- New QuidelOrtho branding may not be available in all markets, subject to country-specific regulatory approval. Please confirm with your local commercial team. QuidelOrtho products are subject to local regulatory requirements and may not be available in all regions.



At QuidelOrtho, we transform diagnostic data into answers, understanding and action, illuminating the path forward for all. For more than 80 years, we've pursued the unknown with a passion and purpose to improve health. And we'll continue to transform the power of diagnostics into a healthier future for all.

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