

Ortho Clinical Diagnostics

# VITROS<sup>®</sup> XT Systems

Your future lab starts here.



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# Reimagining your lab

## Is your lab equipped for tomorrow?

Today's hospital faces the challenges of staff shortages, compliance risks, environmental concerns, and financial pressures. All of these are driving the demand for labs to become more effective, adaptive, and responsive than ever before.

Your lab is the beating heart of the hospital. The work you do already drives 70 percent of clinical decisions. If your lab is to beat faster and stronger, it's going to need a solution that can handle increased volume and complexity.



### Ortho's solution

By understanding the importance of addressing these challenges for laboratories around the world, Ortho has developed the next generation in Clinical Chemistry solutions - Digital Chemistry.

Through Digital Chemistry, Ortho is reimagining the power of technology throughout your laboratory's ecosystem.

Our application of progressive technology is redefining the opportunities available to labs, by combining the capability and accuracy of XT Systems, with the intelligence and support of Ortho's connected portfolio solution.

## The patient community

Your lab needs to be ready for huge increases in testing volume due to the aging population and increasing rates of chronic disease.

## The hospital

Delivering faster, more accurate results that drive higher quality healthcare is vital for improving the lives of patients.



VITROS® XT 7600 Platform



# Time to embrace Digital Chemistry

## Are you ready for the next generation?

The world is digitising rapidly in order to deliver enhanced patient care and satisfaction, more effective data and increased efficiency, and your Lab is no exception.

Ortho is leading the charge in adapting to meet these needs with Digital Chemistry, powered by a new digital reflectometer, the next generation in analyzers are here.

VITROS® XT Systems features XT Microslides, enhanced data intelligence - takes what you know and trust about the proven quality, extendibility and patient care that represents VITROS® Systems today - and enables it to meet the needs today, and into the future.

- Increased quality and accuracy to deliver the best patient care
- Greater Productivity in the same footprint
- Improved throughput to meet rising demand

All while ensuring you have one of the most reliable and future-ready lab solutions available.



VITROS® System  
Integrated XT 7600

VITROS® System  
Chemistry XT 3400

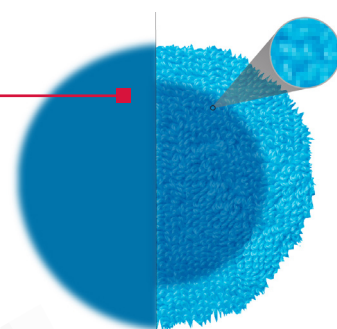
Product availability dependent on regulatory approvals and may not be available in your market, for more information please consult your sales representative



# The result of quality

## Are you offering the best test quality?

The performance of your lab directly impacts the quality of care you provide to patients.



1 vs 36,000 pixel density

### Digital Reflectometer

Ortho has developed a new way to define quality, by introducing the XT's native Digital Reflectometer that further optimizes assay performance, provides enhanced accuracy, and precision to deliver best-in-class test result integrity.

### XT Microslide

New digital enhancements to VITROS® Microslide deliver market leading first pass yield of 95%. This means more predictable turnaround times for your lab, and increased quality of results the first time, enabling timely and accurate diagnosis in even the most complex patient situations.



3.8uL

Lowest patient sample volume

Optimizing the sample read area has an important **patient benefit: reducing sample volume**. This can improve the patient experience, particularly for populations whose sample are more precious.

VITROS® Systems deliver a market leading First Pass Yield of

# 95%

### Digital IntelliCheck & Microsensor



When you add VITROS® Digital IntelliCheck's precise image algorithms for clot and bubble detection and VITROS® MicroSensor's quantitative analysis of sample integrity, you get a vast reduction in errors and repeat testing.



# Productivity for today

## Is your lab meeting today's demands?

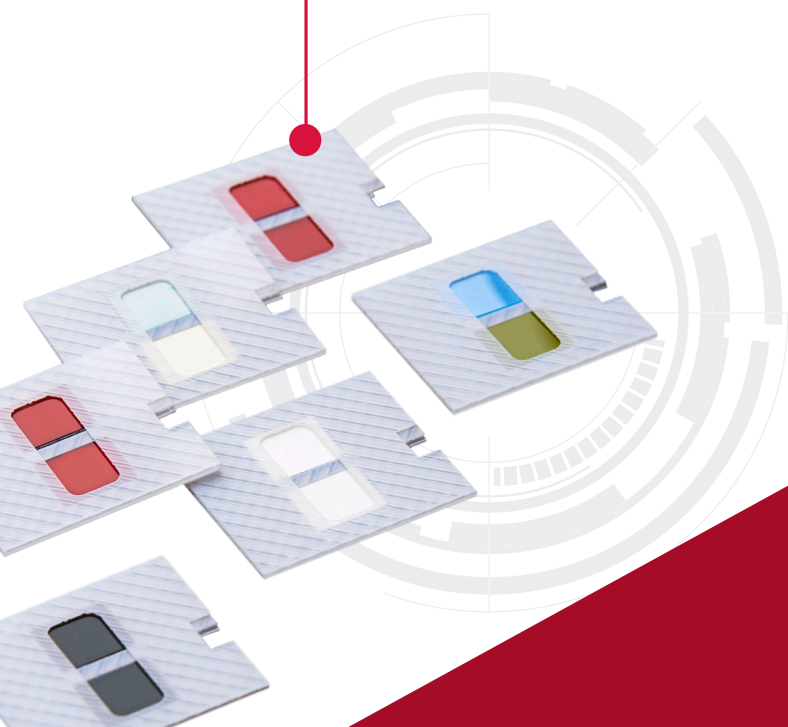
Our reimagining of the lab's work-flow with VITROS® opens new opportunities for achieving greater output without increasing your footprint.



### Instant doubling of test volume

Our new multiplexing technology enables two tests to be done at once, instantly doubling test volume. This also reduces the amount of reagent handling by 20-30 percent\* and the corresponding inventory impact time.

With its new Digital Imaging System, the VITROS® XT can read test results faster and more accurately from a much smaller area of the reaction surface. This facilitates a proven 2-5 minute TAT savings on key panels. Future innovations will lift productivity even higher.



You talked. We improved.

# 20-30%

VITROS® XT Systems have reduced reagent handling by 20-30%\*



# ...and tomorrow

The VITROS® XT Microslide is today but what about tomorrow, could you see your lab further reduce your TAT, could you of imagined running multiple tests on one slide. At Ortho we have reimagined what can be achieved and are continuing to explore the multitude of possibilities our VITROS® technologies are able to provide.



\*Test mix-dependent. \*\*Future Microslide icon disclaimer.



# Technology harnessed

## Could you achieve more with your technology?

Through smart automation, predictive technologies and system reliability, VITROS® XT Systems are designed to make labs and lives better.



## Smart automation driving your workflow efficiency

The new VITROS® XT enhances our smart VITROS® Automation Solutions offering, working in digital harmony with XT Microslide technology, that allows you to relieve the pressure on your staff and create efficiency gains throughout the lab.

## Predictive Technologies pre-empting potential breakdowns

From our Predictive Technologies Centres (PTC) in Strasbourg, Singapore and New York, we can predict and keep your lab running when you need it most. This increases analyzer uptime, saves money and ensures your doctors are always able to make clinical decisions and support patient care.

## “Best in class” analyzer reliability making the most of your time

VITROS® Systems are built for reliability and maximum uptime. The XT offers 6 months of calibration stability compared to very frequent calibrations required on non-VITROS® Systems. The new digital LED light source powers your analyzer for its entire lifespan, no constant halogen bulb changes, further maximizing your analyzer's uptime.



You talked. We improved.

# 20-30%

VITROS® XT systems boast an increased throughput of 20-30% in the same footprint.

# Total solution

## What powers your lab?

The quality of a lab's performance is reliant on the complex relationships between people, science and technology. This is why Ortho has developed our connected portfolio solution. The portfolio provides the infrastructure to support the complete health of your Lab.

### Ortho Care™

A global award-winning holistic support program focused on anticipating and meeting your needs with comprehensive service and support for every aspect of your lab.

### Menu

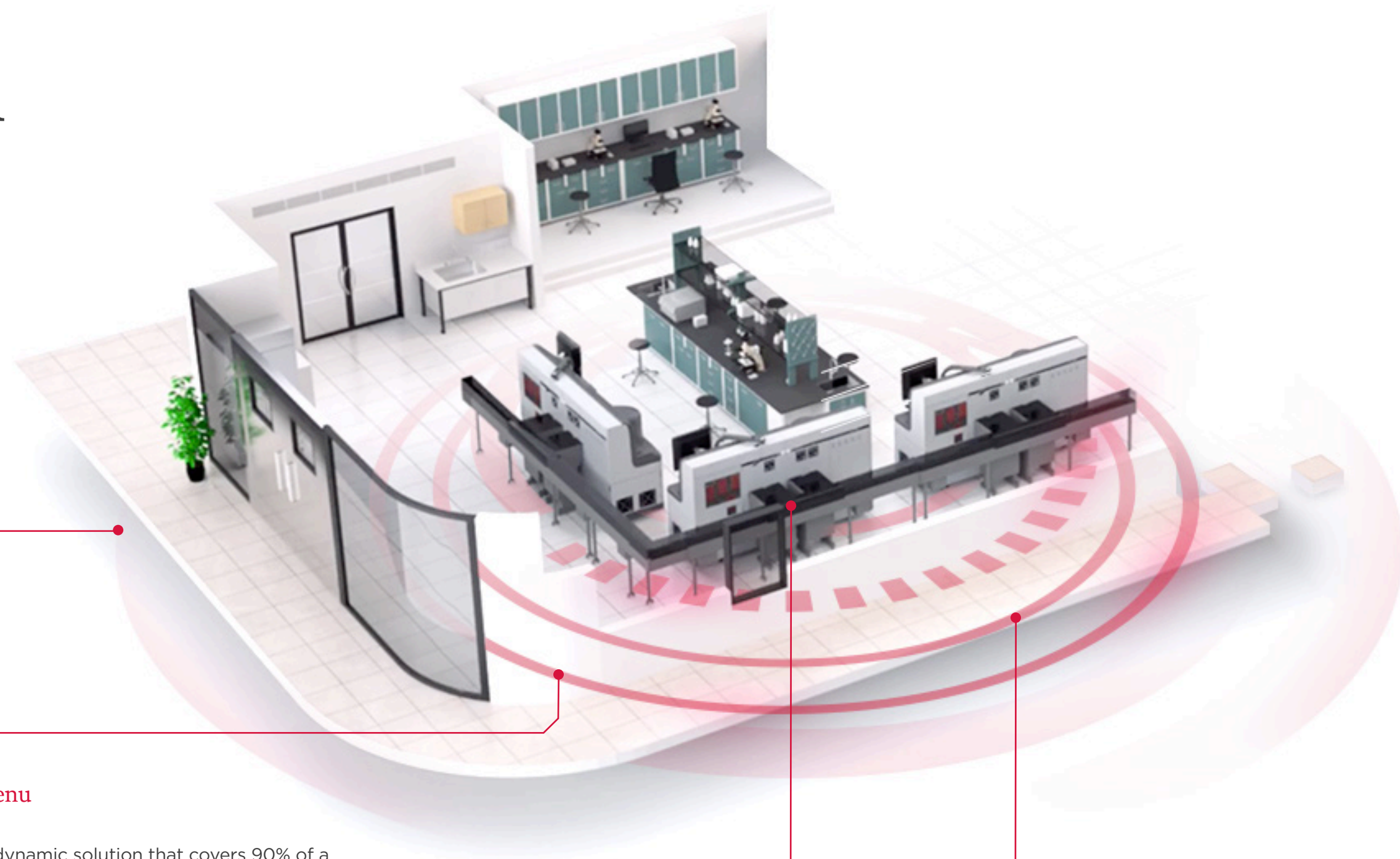
A dynamic solution that covers 90% of a typical lab's menu requirements and 99% of testing volume. It provides the capability that labs need today with smooth scalability for the demands of tomorrow.

### VITROS® Automation Solutions

Configure your lab in a way that optimizes your processes, and connects all your systems in one smooth, streamlined, and automated workflow.

### Informatics

Gain proactive and predictive data intelligence on connected data, streamlined information, and alerts on the VITROS® XT's performance around the clock for maximum uptime.





# The value of service

## What do you look for in support?

With every VITROS® solution you're backed by a team of responsive customer service experts committed to keeping your lab up and running.

### Will my analyzer be ready whenever I need it?

We maximise uptime by continuing to invest in analyzer and assay reliability. Services such as Predictive technologies monitor over analyzers and ensure real time visibility. Troubleshooting your most common hardware and software errors to ensure rapid resolution and maximized uptime.

### How quickly will I be able to solve an issue?

With investments into our people and technology we provide highly responsive support from our Technical Solutions Center and Field teams finding the solution as fast and efficiently as possible.

### Is my lab achieving all it can?

Our ValuMetrix™ consulting teams uncover and solve information and workflow bottlenecks, which are commonly laboratory's greatest barriers to delivering patient care.

### How can you support me tracking my lab's performance?

By using Ortho's business reports, customers can view their business metrics, trends, make adjustments, and provide insights to their leadership teams.

### How can Ortho help me and my staff be better?

We help manage staff competency and continuing educational needs through highly rated educational options such as e-Learning, on-site analyzer training, and popular webinars through Ortho on Demand.

You talked. We improved.

Customer satisfaction:

98.5%\*



# Reimagine your future

Have you ever wondered what 'better' could look like?

The VITROS® XT 3400 and VITROS® XT 7600 are empowering lab's with the ability to achieve more, to progress more, to save more and to improve lives more.

VITROS® XT Systems provide:

- Leading testing precision
- Menu Expansion
- Versatile Automation
- Predictive support technology
- Integrated Informatics

VITROS® XT is setting the standards and changing our expectations from clinical analyzers.

From now on average is not acceptable.

If the potential of XT has increased your heart rate, then talk to us:

Visit us online at [www.orthoclinicaldiagnostics.com](http://www.orthoclinicaldiagnostics.com)

Time to upgrade your lab.

Upgrade to VITROS® XT.





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Digital Chemistry makes VITROS® even more versatile, improves quality further, and could help clinicians treat patients more effectively.

The VITROS® XT 3400 and XT 7600 Systems are how Ortho is reimagining what's possible, and promise true innovation in the clinical lab.

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Martin Madaus

Chairman and CEO at Ortho Clinical Diagnostics

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Ortho Clinical Diagnostics

Recognized for 'Excellence in Innovation' in the diagnostics sector



Global Business Excellence Awards  
**Winner 2017**

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*Outstanding Innovation*

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