



## The VITROS<sup>®</sup> 5600 Integrated System

Designed to help you efficiently consolidate critical testing to deliver quality and timely results to the physicians and patients who depend on you.



[orthoclinicaldiagnostics.com](http://orthoclinicaldiagnostics.com)



# The VITROS® 5600 Integrated System

Better is what your lab always needs to be, as you manage the flow of high quality diagnostic data in a lean working environment. That's why Ortho Clinical Diagnostics studied laboratory workflow, sample/test mix patterns and turnaround time goals worldwide before we created the VITROS® 5600 Integrated System. It provides a comprehensive clinical chemistry and immunoassay menu on a single integrated platform, delivering high quality, productivity and ease of use.

The VITROS® 5600 Integrated System features:

- **High Reportable Results Efficiency**  
Improves labor effectiveness and cuts costs\*
- **Verified System Processing & Results Reporting**  
Reduces errors\*
- **Optimized Turnaround Time & Productivity**  
Innovative Sample Centered Processing Design
- **Improved Efficiency, Low Maintenance & Minimal Calibration**  
Complete array of integrated enabling technologies including MicroSlide, MicroTip, MicroWell, Intellicheck®, MicroSensor
- **Increase Capacity**  
150 reagent positions that allow over 100 assays to be onboard at once

Our consultative approach - which started before we built the VITROS® 5600 System and continues after the sale - is the reason we deliver a solution to respond to your needs and keep improving it so you can meet the new challenges you are faced with.

The VITROS® 5600 System's broad menu of quality assays covers 90% of the menu needs and 99% of the testing volume for typical labs\*, with:

- Over 120 state-of-the-art assays across a broad range of disease areas
- 10 user-defined chemistry channels
- Wide, accessible menu onboard at all times
- Standardized reagents for easy inventory management
- Standardized results across VITROS® platforms for consistent patient reporting



\*Ortho Data on File



## Enabling Technologies

The VITROS® 5600 Immunodiagnostic System combines five of our patented core enabling technologies to maximize patient result quality, ease of use and productivity.



VITROS® **MicroSlide Technology** delivers high-quality results with a 95% reportable result efficiency\* - minimizing operator interventions and maximizing ease of use.



VITROS® **MicroTip Technology** provides special chemistry menu offerings and user-defined assays in a cost-effective, easily implemented format.



VITROS® **MicroSensor Technology** boosts efficiency and controls costs by automatically detecting and flagging endogenous interferences without compromising result turnaround or operator workflow.



VITROS® **MicroWell Technology** features enhanced Chemiluminescence detection which enables wide dynamic ranges with exceptional immunoassay accuracy and precision across multiple disease states. Minimizes unnecessary dilutions, repeats and redraws.



VITROS® **Intellicheck® Technology** delivers real-time process monitoring with fully documented traceability to minimize the risk of erroneous result reporting.

The VITROS® 5600 System also offers a host of other design features that help ensure high quality results & system productivity, including:

- Disposable, Single-Use Tip Design, which eliminates carryover;
- SMART Metering, which checks for clots and bubbles every time the system aspirates or dispenses fluid to ensure the correct amount of fluid is used;
- Extended calibration times and less required maintenance;
- Continuous operator access for uninterrupted operation.

## Innovative Processing

Our sample Centered Processing optimizes turnaround time and productivity.

Sample Centered Processing centralizes sample supply and intelligently prioritizes and schedules up to 50 samples\* simultaneously, accessing them independently and in parallel for both chemistry and immunoassay analysis.

Sampling order is optimized to balance processing demands across technology modules. There is no need to move sample trays to processing modules or create aliquots that require additional hardware and consumables. Automated system components move to each individual sample.



# A Partnership that Endures Beyond the Sale

Ortho Clinical Diagnostics surrounds the purchase of the VITROS® 5600 System or any VITROS® system with world-class technical support specialists, expert field service engineers and laboratory specialists plus global hotline support in over 20 languages to ensure VITROS® fits with your laboratory.

## **In addition, VITROS® customers can access:**

### **e-Connectivity® Technology**

Our technical team can monitor your system online through a secure, real-time, two way connection. Our Predictive Technology identifies potential issues and dispatches engineers - often before you even know there's a problem. The result is timely resolution that minimizes unplanned downtime.

### **Customizable Training**

From start-up training to ongoing education, Ortho Clinical Diagnostics provides proven knowledge transfer that gets your staff up to speed quickly and effectively. Our training programs have received an outstanding satisfaction rating and feature classroom, onsite and online options to suit your needs.

### **ValuMetrix® Services**

ValuMetrix® consulting (VMX) provides advice and support to customers throughout the sales continuum.

During the pre-sale the VMX team is involved in the earliest evaluation phases to help you identify the right system solution for your specific needs and objectives.

