



What you should know about the VITROS[®] 5600 Integrated System.

The science of **knowing** shapes the art of living.

Ortho Clinical Diagnostics
a *Johnson & Johnson* company

VITROS[®] System
Integrated 5600

The VITROS® 5600 Integrated System

When integrated solutions first became available, they were a great idea for improving laboratory efficiency and service to doctors and patients. But we believed we could take it further. In developing the VITROS® 5600 Integrated System, Ortho Clinical Diagnostics worked with 60 different laboratories to study their unique needs and processes—to learn how integration could help, and where it might fall short.

From that knowledge, we used our integration by design approach to create an integrated system that is the first of its kind, with an innovative sampling approach and patented enabling technologies to consolidate and simplify testing. The VITROS® 5600 Integrated System:

- + Has 150 reagent positions, allowing over 100 chemistry, immunoassay or infectious disease assays to be on-board at once
- + Provides greater efficiency by integrating our 5 proven proprietary technologies (MicroSlide™, MicroTip™, MicroWell™, Intellicheck®, and MicroSensor™)
- + Optimizes turnaround time and productivity
- + Provides high reportable result efficiency that improves labor effectiveness and lowers costs
- + Verifies system processing and result reporting while reducing errors

The result is a “one-tube-in, one-tube-out” workflow that minimizes staff interventions, takes up less space and helps contain costs.

Key Features and Benefits



MicroSlide™



MicroTip™



MicroWell™



Intellicheck®



MicroSensor™



Feature

Benefit

MicroSlide™, MicroTip™, and MicroWell™ (with Enhanced Chemiluminescence) Technologies

Provide high-quality results with minimal need for maintenance and calibration.

Intellicheck® Technology

Helps ensure the quality of the test result, reduces error potential and provides real-time operator notifications and traceability.

MicroSensor™ Technology

Reagent-less determination of sample quality indices without additional sample volume or impact on throughput. Reduces the time, labor and error potential of manual interpretation.

Sample-Centered Processing

Centralized sample supply with the intelligence to prioritize up to 50 samples and access them independently and in parallel for both chemistry and immunoassay. Eliminates the need to move sample trays or aliquot samples. Improves turnaround time and increases efficiency.

Up to 189 MicroImmunoassay tests per hour with uninterrupted workflow

Extend walkaway time while improving capacity and workflow to keep pace with routine (MicroSlide™) testing during peak hours.

150 reagent positions and 100 assays on-board at one time

Increase productivity and reduce hands-on time.

Single-use tips for sample and reagent metering

Eliminates sample and reagent carryover. Automatically detects clots and bubbles to avoid reporting erroneous results.

For more information on the VITROS® 5600 Integrated System, please contact your Ortho Clinical Diagnostics representative or visit www.orthoclinical.com

VITROS[®] System
Integrated | 5600

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