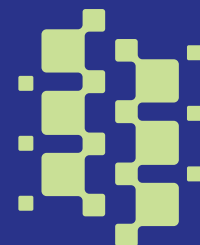


Vitros® 3600

immunodiagnostic system¹

specifications sheet



Measurement principle:

- Enhanced chemiluminescence using MicroWell technology

Reagents:

- No preparation, no mixing or reconstitution required for integrated reagent packs, signal reagent and universal wash reagent
- Onboard stability up to 84 days
- Shelf life stability up to 12 months from date of manufacture
- **Onboard test capacity:**
 - Up to 3,100 assays
 - 31 reagent positions
 - 100* assays per pack

Consumables:

- VersaTips, signal reagent and universal wash reagent can be replenished without interrupting system operation. Reagents replenished without interrupting incubation
- **Onboard capacity and typical replenish frequency:**

- VersaTips:	2000	24 hours
- Signal Reagent:	3 packs	48 hours
- Universal Wash Reagent:	5 liters	72 hours

Calibration:

- 25 lots per assay may be calibrated with automatic lot switching
- **Calibration frequency:** 28 days for most reagents, some between 40-90 days.
- Random-access calibration
- Bar-coded calibrators

System startup:

- 24-hour ready mode
- No manual primes, purges, washes or tubing maintenance
- No daily calibrations or calibration checks
- Automatic integrated prime/purge

Throughput and time for single result:

- **MicroWell:** ~16-73 minutes
- Real-time results data stream to LIS available
- **Throughput:** Up to 189 tests/hour

Sample types:

- Serum, plasma, urine, whole blood, † amniotic fluid

Sample volume:

- **Per assay:** 10-80 uL
- **Dead volume:** minimum 35 uL

Sample capacity:

- Continuous load and unload
- 80 samples in universal sample trays
- 10 samples in dedicated STAT lane

Sample and reagent management incorporating IntelliCheck® Technology:

- Single-use tip metering verifies sample aspiration and dispense, eliminates carryover and addresses cross-contamination concerns
- Clot, bubble, low and high viscosity, thin layer fluid and short sample detection
- Save-the-sample clot/bubble management
- Liquid level sensing
- MicroWell dispense verification
- Reagent aspiration and dispense verifications
- Onboard IntelliReport provides complete traceability and documentation of result quality

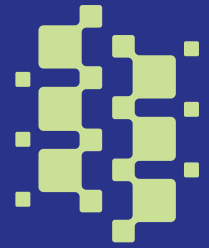
Sample containers:

- **Universal sample trays accommodate:**
 - 5 mL, 7 mL, 10 mL collection tubes
 - 1.5 mL micro-collection containers
 - Vitros microsample cups and 0.5 mL and 2.0 mL cups

Vitros[®] 3600

immunodiagnostic system¹

specifications sheet



Sample bar code identification:

- Autodiscriminates by simultaneously recognizing all standard symbologies:
 - Code 128
 - ISBT 128
 - Code 39
 - Codabar
 - Interleaved 2 of 5

Dilution capabilities:

- Auto reflex dilution
- Operator requested dilution
- Off-board dilution calculation

Automatic reflex testing (based on user-configuration):

- Reflex to different assays
- Reflex to the same assay

Operator interface:

- Color-coded graphical user interface
- Ergonomic flat, low-glare, LCD, 17-inch touchscreen monitor
- Numeric keypad on monitor
- Detached keyboard for maximum flexibility
- Onboard documentation and animated Help (V-Docs)
- Onboard maintenance documentation

Data storage:

- Read/write disk drive for data input and archiving
- USB flash drive (memory stick) capabilities
- 5,000 sample programs
- 25,000 samples with ability to archive and retrieve through CD-ROM or memory stick

System dimensions:

- **Width:** 2.12 m/83.5 inches
- **Depth:** 0.89 m/34.9 inches
- **Height:** 1.64 m/64.5 inches
- **Weight:** 789 kg/1740 pounds

Power:

- **Line voltage:** 1 dedicated 20 amp power line, or 1 dedicated 30 amp power line with UPS, nominal 200-240V AC
- **Line frequency:** 47-63 Hz

Environment:

- **Operating temperature:** 15°-30°C/59°-86° F
- **Ambient relative humidity:** 15%-75% RH non-condensing
- **Altitude:** up to 2,438 m/8,000 feet
- **Plumbing:** No water or drain required; self contained onboard waste management eliminates special requirements for off-board plumbing

Communications:

- **Laboratory information system (LIS):**
 - Bidirectional interface for ASTM and HL7 protocols
 - Broadcast download and Host Query
 - Results can be uploaded individually, as a group, or as an entire sample
- **Laboratory automation system (LAS):**
 - AT ready at launch
 - 1 LAS interface, point-in-space
- **Ports:**
 - RS 232 serial ports (for LIS and LAS)
 - USB ports (for printers)
 - Ethernet ports (for E-Connectivity[®] Technology, LIS)

E-Connectivity interactive system management:

- Using the facility's DSL or other internet connection, SSL technology establishes a secure connection between system and QuidelOrtho technical support to enhance troubleshooting and increase uptime
- Automatic two-way data exchange to automatically send and retrieve data
- Automatic download of system software updates
- Remote connectivity provides the ability to enable remote diagnostics and remote control operation
- Enhance uptime with predictive alerts

¹ Availability is subject to local regulatory requirements.
* HBc IgM and HAV IgM have 52 tests per pack.
† For Red Cell Folate.