

IMMULITE 2000 XPi System

Technical Specifications

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Overview

System Description	Random access immunoassay system
Throughput	Up to 200 tests per hour in batch or random access mode
Time to First Result	35 minutes
Assays Onboard	24

Assays

Assay On Board Stability	90 days
Assay Technology	Enzyme amplified Chemiluminescence
Disease-state Assay Groups	Allergy, Anemia, Autoimmune, Bone, Cardiac, Diabetes, Growth, Hepatitis, Inflammation, Metabolic, Oncology, Reproductive, Special ID, Therapeutic Drug Monitoring, Thyroid, ToRCH, Veterinary
Assay Calibration	System indicates when calibration is required. Specific sample type available for calibration verification

Samples and Sample Handling

Sample Carriers	12 – 16 mm diameter, 75 – 100 mm heights 10 x 50 microtubes with tube top racks
Sample Capacity	90 samples, continuous loading in 15 position samples racks
Walk-away Time	Up to 5 hours
Sample Types	Serum, plasma, urine – assay dependent
Sample Integrity Control	Pressure-transducer technology with clot detection, clot flagging, and short sample detection
Automatic Processing	Reflex and rerun testing and dilutions

Bar Codes

Formats Supported	Code 39, Codabar, UPC, Code 128, I-2 of 5 (Interleaved)
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Reagents and Reagent Handling

Reagent Cooling	2 – 8 °C
Reagent Preparation	None required
Reagent Onboard Stability	90 days
Reagent Integrity Control	Barcodes allow system to identify lot number, determine when calibrator adjustment needed, and the remaining number of tests in the reagent wedge

Cuvettes

Type	Individual reaction tubes
Onboard Capacity	1,300

Maintenance

Daily	Customized automated daily maintenance cycle requiring no operator intervention
Weekly	20 min
Monthly	45 min

User Interface

Operating system	Microsoft® Windows® XP
Monitor	19 inch touch sensitive screen

Quality Control

Package	Includes graphs and QC rules options for controls
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Environmental

Operating Temperature	18 – 32 °C and 40% – 80% humidity
Electrical	200 – 240 V, 50/60 Hz, 6 AMP
Dimensions	Height 72 in/182.88 cm (w/ monitor) Width 63 in/160.02 cm (80 in/203.2 cm w/ monitor) Depth 36 in/91.44 cm
Weight	890 lb/403.7 kg

Connectivity

Cost effective automation available through VersaCell® and VersaCell X3 connectivity. Connection to any of the Siemens track based automation solutions

Siemens Healthcare Diagnostics, a global leader in clinical diagnostics, provides healthcare professionals in hospital, reference, and physician office laboratories and point-of-care settings with the vital information required to accurately diagnose, treat, and monitor patients. Our innovative portfolio of performance-driven solutions and personalized customer care combine to streamline workflow, enhance operational efficiency, and support improved patient outcomes.

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