



Technical Specifications

IMMULITE 2000 XPi Immunoassay System



Providing multiple tests on a single, easy-to-use, and compact analyzer, the IMMULITE® 2000 XPi Immunoassay System makes it simple to scale your capabilities without disrupting regular day-to-day operations.

- Cost efficiency merged with proven reliability
- Menu consolidation and workload flexibility
- Multiple benefits—one versatile system

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Technical Specifications

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System Description	Random-access immunoassay system with enzyme-amplified chemiluminescence immunoassay (CLIA) technology
Test Throughput	Up to 200 tests per hour in batch or random-access mode
Walkaway Time	1–5 hours depending on type of test and sample loaded

Sample Handling

Validated Sample Types	Serum, plasma, urine (varies by assay)
Sample Integrity Control	Pressure-transducer technology with clot detection, clot flagging, and liquid-level sensing
Auto-repeat	Automatic repeat testing from original sample
Sample Dilution	Can be auto-diluted
Auto-reflex Testing	Will perform additional tests based on results of the first test
Sample Volume per Test	5–100 μ L of sample (varies by assay)
Sample Barcode	Code 39; Codabar; Code 128; Interleaved 1–2 of 5
Sample Tubes	12–16 mm diameter, 75–100 mm height; 10 x 50 microtubes; 1 mL and 2 mL sample cups with tube top rack
Sample Capacity	90-sample, continuous loading in 15-position sample racks

Reaction Area

Reaction Cuvettes	Onboard capacity of 1300 cuvettes; individual reaction tubes
Assay Times	35–120 minutes, assay-dependent
Assay Technology	Enzyme-amplified chemiluminescence immunoassay technology

Reagent Handling

Reagent Compartments	24 immunoassay or 138 allergen reagent positions with refrigeration at 4–8°C (39–47°F)
Reagent Packs	200 tests per reagent pack
Reagent Integrity Control	Barcodes allow system to identify lot number and determine when calibration adjustment is needed and the remaining number of tests in the reagent wedge
Onboard Stability	90 days
Reagent Preparation	None required
Barcode-labeled Packs	Yes

Calibration/QC

QC Package	Includes graphs and QC rules options for controls
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Maintenance

Daily	Customized, automated maintenance cycle that requires no operator intervention
Weekly	20 minutes
Monthly	45 minutes

User Interface/Data Management

Monitor	19-inch touchscreen
Operating System	MICROSOFT WINDOWS 10
Remote Access and Service	Smart Remote Services

General Specifications

Power Requirements	200–240 V, 50/60 Hz, 6 A
Water Input Requirements	Incoming pressure of 8–20 psi
Water Quality Requirements	Distilled or deionized water of consistent quality, meeting CLSI clinical laboratory reagent water (CLRW) standards at the time of preparation
Maximum Water Consumption	5-liter (1.32 gallon) distilled water bottles, 6-liter (1.59 gallon) wastewater bottles
Drain Requirements	5-liter distilled water bottles, 6-liter wastewater bottles
Dimensions	182.88 (h) x 160.02 (w) x 91.44 (d) cm; 72 (h) x 63 (w) x 36 (d) inches (including monitor)
Weight	403.7 kg (890 lb)
Compliance	Complies with international environmental, health, and safety standards, including CE and RoHS
Noise Emission	~45 dB
Processing Heat Output	1000 W/hr (3413 BTU/hr)
Ambient Temperature	18–32°C (64–90°F)
Ambient Humidity	40–80% humidity at 32°C
Overvoltage Classification	Class II
Pollution Classification	Class II



At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. By constantly bringing breakthrough innovations to market, we enable healthcare professionals to deliver high-quality care, leading to the best possible outcome for patients.

Our portfolio, spanning from in-vitro and in-vivo diagnostics to image-guided therapy and innovative cancer care, is crucial for clinical decision-making and treatment pathways. With our strengths in patient twinning, precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the biggest challenges in healthcare. We will continue to build on these strengths to help fight the world's most threatening diseases, improving the quality of outcomes, and enabling access to care.

We are a team of 66,000 highly dedicated employees across more than 70 countries passionately pushing the boundaries of what's possible in healthcare to help improve people's lives around the world.

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Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

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