

IMMULITE® 2000 XPi

Immunoassay System



UP TO 200 TESTS PER HOUR.
EASY TO USE.



Advanced
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Laboratory Diagnostics
Point of Care Solutions

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"PASSIONATE ABOUT LABORATORY DIAGNOSTICS"

WOODLEY
EQUIPMENT COMPANY LTD.

IMMULITE® 2000 XPi

Immunoassay System

The highly reliable IMMULITE® 2000 XPi System is an easy to use, continuous random access immunoassay analyser with one of the largest automated immunoassay menus available and a maximum throughput of 200 tests per hour. Medium to high-volume laboratories can incorporate specialty & allergy testing into routine workloads to improve productivity and efficiency.

FEATURES

- Customised automated startup for daily routine maintenance and quality control scheduling
- Reagent onboard stability of 90 days, minimises waste
- Maximum throughput of 200 tests per hour
- No pause sample loading to enhance turnaround time
- Tube-top sample cups for micro-sample handling
- Home screens with at-a-glance status on a 19" touch screen monitor
- Options available for direct water feed and bulk solid waste chute
- Siemens Automation solutions available through VersaCell® Systems



Weight & Dimensions

Weight: 363 kg
Height: 165 cm
Width: 236 cm
Depth: 114 cm

SPECIFICATIONS

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 Onboard Stability: 90 Days

Assay Technology: Enzyme amplified Chemiluminescence

Disease-state Assay Groups: Allergy, Anaemia, 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 Tubes: 12 - 16mm diameter, 75 - 100mm heights, 10 x 50 microtubes with tube top racks

Sample Carriers: 90 samples, continuous loading in 15 position sample 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 re-run testing and dilutions

Barcodes

Formats Supported: Code 39, Codabar, UPC, Code 128, 1-2 of 5 (interleaved)

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 & the remaining number of tests in the reagent wedge

Cuvettes

Type: Individual reaction tubes. **Onboard Capacity:** 1,300

Maintenance

Daily: Automated daily maintenance cycle completed according to time programmed by the laboratory. **Weekly:** 20 minutes. **Monthly:** 45 minutes

User Interface

Operating System: Microsoft® Windows® 7.

Monitor: 19" touch sensitive screen

Quality Control

Package: Includes graphs and QC rules options for controls

Environmental

Operating Temperature: 18-32°C and 40% - 80% humidity

Electrical: 200-240 V, 6 AMP, 50/60Hz, 6 Amp

IMMULITE Veterinary Test Menu:

- Total T4
- TSH
- FT4
- ACTH
- Cortisol
- Progesterone
- Vitamin B12
- Folic Acid
- TLI
- Digoxin
- Insulin
- Phenobarbitol
- Troponin I
- Testosterone

This list is not exhaustive - please contact us with your requirements

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