

IMMULITE[®] 1000

SIEMENS
medical

We took something great and made it better!

The IMMULITE 1000 immunoassay system features an extensive menu, ease of use, reliability, robust hardware and excellent assay performance. The IMMULITE 1000 monitors onboard reagents and accommodates onboard dilutions, positive sample identification, and Remote Diagnostics.



Worldwide, IMMULITE 1000 (and its predecessor, the IMMULITE) has been chosen for various types of immunoassay testing due to their flexible platforms, breadth of menu, ease of use, reliability, high-performance assays and fully integrated operation. Assays for cardiac biomarkers, thyroid function, reproductive endocrinology, infectious disease, TDM, serology, anemia, drugs of abuse, diabetes, allergy, tumor markers and esoterics are all easily run with true random access capability.

Turbo capabilities provide results in 15 minutes for critical STAT assays including the cardiac biomarkers Troponin I, CK-MB, and Myoglobin, as well as Intact PTH and HCG.

The IMMULITE 1000—designed to meet the immunoassay testing needs of the clinical laboratory today and tomorrow.

Reliable Performance

Maintains the strong features of IMMULITE: extensive menu, ease of use, reliable and robust hardware, and excellent assay performance.

Comprehensive Menu

The breadth of menu on the IMMULITE 1000 provides an opportunity for true consolidation of all tests for a given patient on one analyzer, resulting in cost savings and laboratory efficiency.

IMMULITE Allergy Testing

IMMULITE 1000 assays distinguish atopic from nonatopic individuals and identify the class of allergen: grass, weed, tree, animal, mold or food. The fast turnaround time produces latex-sensitivity results in just 72 minutes.

[Latex Allergy](#)

True Random Access Capability

Any test or combination of tests can be run on the IMMULITE 1000 at any time. Samples can be continuously processed for improved turnaround times. STAT samples can also be added easily whenever required so that the processing time is kept to a minimum.

Consolidated Footprint

Computer, keyboard, monitor, and built-in probe wash and water containers integrated into the system, for reduced system footprint.

Windows®-Based Software

State-of-the art, icon-driven Microsoft® Windows software designed for intuitive, minimal user interaction; operation via touch screen, trackball or keyboard. Excellent QC package with online QC tracking and trending (Levey–Jennings plot). Flexible and customizable patient reports. Multilingual support for six languages.

Onboard Dilutions

Ability to perform onboard dilutions for infectious disease and other selected prediluted assays, as well as HCG.

After-Sales Service

DPC is proud to supply all our customers with after-sales service that they can rely on. We are committed through our Quality Standards to support our customers in every way possible and we continually strive to improve the service and support we offer.

Positive Sample ID

Modified sample cup holder that allows for running a barcoded secondary microtube on board, for positive secondary sample identification.

Remote Diagnostics

This feature provides customers with enhanced support and troubleshooting assistance that can reduce the downtime of the system.

Easy-to-Use Design

The benchtop design can easily be incorporated into any laboratory area. The software has been developed to maximize the flexibility and productivity of the laboratory.

Technical Specifications

Operating Temperature	18–32°C
Luminometer	Photon-counting photomultiplier tube
Computer	Integrated Intel® Pentium® processor 256 MB RAM CD-ROM drive Hard drive, 40 GB Floppy disk drive, 3.5-inch Sound board
User Interface	Microsoft® Windows® XP operating system Flat-screen monitor, 15-inch, with touch screen (1024 x 768 resolution, 0.28 mm dot pitch) Trackball Microkeyboard
Printer	External ink-jet printer or laser printer
Interface Capabilities	LIS in conformance with ASTM E1394 and ASTM E1381 Networks via Ethernet (10/100 BaseT) Modem, V34-56K 2.0 USB ports
Power Requirements	110–120 VAC, 6 amp 200–240 VAC, 4 amp Dedicated line, 50/60 Hz
Dimensions (with Monitors)	
Length	46 in. 117 cm
Height	19 in. 48 cm
Depth	26 in. 66 cm
Weight	240 lb 109 kg
Protected by US Patents	5,632,399 5,721,141 5,723,092 5,773,296 5,885,529 5,885,530
Certifications	ISO 13485:2003 CE UL/CUL IEC

Detailed specifications available on request

Assay Menu International

IMMULITE® and IMMULITE® 1000 assays are designed for use with the IMMULITE and IMMULITE 1000, continuous random access immunoassay analyzers which offer simplicity in both design and operation. IMMULITE systems can be found in a wide variety of immunoassay testing environments around the world.

Adrenal / Pituitary

ACTH
Cortisol

Allergy

AlaTOP[®] Allergy Screen
ECP (1)
Total IgE

Anemia

EPO
Ferritin
Folic Acid
Homocysteine
Vitamin B12

Bone Metabolism

Calcitonin
Osteocalcin (1)
Intact PTH
Turbo Intact PTH
Pyrilinks[®]-D

Cardiovascular

CK-MB
Turbo CK-MB
HS CRP
Turbo D-Dimer (1)
Myoglobin
Turbo Myoglobin
Turbo NT-proBNP (1)
Troponin I
Turbo Troponin I

Diabetes

Urinary Albumin
C-Peptide
Insulin

Growth

Growth Hormone
IGF-I
IGFBP-3

Infectious Disease

CMV IgG
CMV IgM (1)
H. pylori IgG
Anti-HBc

TDM

Carbamazepine
Digitoxin
Digoxin
Phenobarbital
Phenytoin
Theophylline
Valproic Acid

Thyroid Function

Free T3
Total T3
Free T4
Total T4
TBG
Thyroglobulin
Anti-Tg Ab
Anti-TPO Ab
Thyroid Uptake
Rapid TSH
Third Generation TSH

Tumor Markers

AFP
BR-MA (CA15-3)
CEA
GI-MA (CA19-9) (1)
OM-MA (CA125)
PAP
PSA
Free PSA (1)
Third Generation PSA
TPS[™] (1)

Turbo Assays

CK-MB
D-Dimer (1)
HCG
Myoglobin
NT-proBNP (1)
Intact PTH
Troponin I

Veterinary (2)

Canine Total T4
Canine TLI
Canine TSH

Anti-HBc IgM
HBsAg
HBsAg Confirmatory
Anti-HBs
Herpes I & II IgG
Rubella Quantitative IgG
Rubella IgM
Toxoplasma Quantitative IgG
Toxoplasma IgM (μ -Capture) (1)

Other Analytes

Beta-2 Microglobulin
Cannabinoids (THCA)
Gastrin
Nicotine Metabolite (1,2)

Inflammation Markers

High Sensitivity CRP
IL-1 β (1)
IL2R (1)
IL-6 (1)
IL-8 (1)
IL-10 (1)
LBP (1) (Lipopolysaccharide Binding Protein)
TNF α (1)

Reproductive Endocrinology

AFP (NTD)
Androstenedione
DHEA-SO₄
Estradiol
Unconjugated Estriol
FSH
HCG (Total HCG)
Turbo HCG
Free Beta HCG (1)
LH
PAPP-A (1)
Progesterone
Prolactin
SHBG
Total Testosterone



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