

IMMULITE¹⁰⁰⁰

Why choose IMMULITE 1000 for your automated immunoassay testing needs?

Maximize your lab's potential and enhance the quality of your patient care.

- ✓ Quick, 5-minute daily maintenance
- ✓ Throughput of up to 120 tests per hour
- ✓ Few consumables, for low operating costs and minimal operator intervention
- ✓ Onboard dilutions for HCG and infectious disease assays
- ✓ Remote Diagnostics connection via modem to DPC's award-winning Service and Support
- ✓ Turbo test results in 15 minutes for critical STAT assays, including Troponin I, CK-MB, Myoglobin, Intact PTH and HCG



✓ The Turbo cart option allows the IMMULITE 1000 to be used as a mobile immunoassay system.

IMMULITE Kits

- Barcoded for scanning of reagent information quickly and easily
- Adaptors included



Specifications

Operating Temperature

- 18°C - 32°C

Luminometer

- Photo-counting photomultiplier tube

Computer

- Integrated Intel Pentium® II processor
- 256 MB RAM
- Hard drive, 40 GB
- CD-ROM drive
- Floppy disk, drive, 3.5-inch
- Sound board

User Interface

- Microsoft® Windows 2000® operating system
- Flat screen monitor, 15-inch monitor with touch screen (1024 x 768 resolution, 6.28 mm dot pitch)
- Touchball
- Keyboard

Printer

- External laser printer

Interface Capabilities

- LIS in conformance with ASTM E1394 and ASTM E1381
- Network via Ethernet (10/100BaseT)
- VISA-SMR Modem
- 2x USB ports

Protected by US Patents:

- 5,632,399
- 5,721,141
- 5,721,082
- 5,703,596
- 5,855,529
- 5,885,530

Power Requirements

- 110/120 VAC, 4 Amp
- 200/230 VAC, 4 Amp
- Dedicated line, 50/60 Hz

Dimensions (with monitor)

- Length 46 in. 117 cm
- Height 39 in. 99 cm
- Depth 26 in. 66 cm
- Weight 240 lb 109 kg

Turbo cart dimensions

- Length 68 in. 173 cm (with extended shelf)
- Height 55 in. 140 cm (with extended shelf)
- Depth 28 in. 71 cm

Certifications

- ISO 13485:2003
- CE
- ILLUKIL
- EIC

Detailed specifications available on request.

Diagnostic Products Corporation, a Siemens Company, is a global leader in immunoassays, providing automated analyzers and tests for measuring hormones, drugs, proteins and other medically relevant substances. These tests help physicians detect and manage diseases of the heart, bone and thyroid; disorders of metabolism and reproduction; allergy, anemia, cancer, diabetes and infectious diseases; and therapeutic drugs and drugs of abuse. Products include the IMMULITE¹⁰⁰⁰ series of systems and Real Time Solutions, a unique Internet-based support service.

DPC became a wholly owned subsidiary of Siemens Medical Solutions, Inc., on July 27, 2006. With headquarters in Malvern, Pennsylvania, and Erlangen, Germany, Siemens Medical Solutions is one of the largest suppliers in the healthcare industry in the world. The company is known for bringing together innovative medical technologies, healthcare information systems, management consulting, and support services that help customers achieve tangible, sustainable, clinical and financial outcomes. More information can be obtained at www.usa.siemens.com/medical_precision and www.dpcweb.com.

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System

IMMULITE¹⁰⁰⁰

Real Easy.

Engineered for easy operation and increased reliability.

Diagnostic Products Corporation
A Siemens Company **DPC**

Real Easy.

Menu.Menu.Menu.

IMMULITE's extensive menu allows immunoassay consolidation, offering more than 75 assays. Enhanced chemiluminescent technology and a proprietary wash technique permit true third-generation performance.

The extensive IMMULITE menu includes assays in the following groups:

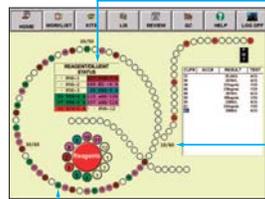
- Adrenal/Pituitary
- Allergy
- Anemia
- Bone Metabolism
- Cardiovascular
- Diabetes
- Growth
- Infectious Disease
- Information Markers
- Reproductive Endocrinology
- TDM
- Thyroid Function
- Tumor Markers
- Turbo Assays
- Veterinary



Easy Interface.

Intuitive software makes it easy to navigate "from anywhere to anywhere."

Home Screen



Inventory Management

- Constant monitoring of onboard reagents, with the number of remaining tests indicated on the screen

Time-to-result Indicator

- Numbers in three locations around the incubation carousel to indicate the time remaining for tests in process

Easy Tracking

- Samples and tests easily tracked throughout the system

Built-in QC Management

- QC limits using colors and symbols to indicate changes in lot numbers and adjusted periods
- User-definable Westgard rules and Z-scores for comprehensive QC management



Touch-Screen Monitor

- Highly intuitive software interface
- Fewer keyboards, to simplify operations

Incubation Carousel

Tests in process maintained at 37°C and agitated intermittently for optimal reaction kinetics



Precision Syringes

Conveniently located for visual inspection and easy maintenance

- Accurate delivery of samples and reagents



Substrate

30 days' onboard storage

- 500 tests per bottle for walk-away convenience



Test Unit

Self-contained design for incubation, washing, signal development and compact waste disposal



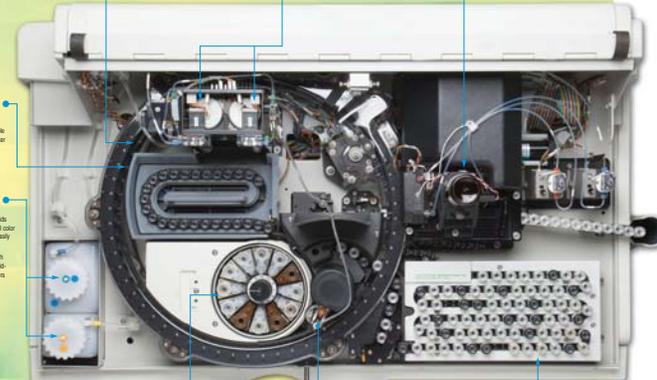
Sample Collection Tray

Easy sample removal after analysis

Water & Wash Reservoirs

Contains, lids and tubing all color coded and easily accessed

- Equipped with automatic high-level indicators



Reagent Carousel Compartment

Up to 12 different reagents onboard

- No interruption of sample processing to change reagents—just lift the lid and replace wedges as needed



Probe

Push-rod assembly and a spring-loaded mount to prevent against operator errors

- Capacity of ~100 ppm, with no need for disposable tips



USB Ports

Easy access for data backup when an LIS is not available

Load Platform

Continuous chain loading that reduces access to run any test or combination of tests

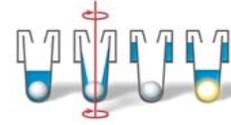
Easy to Operate.

Proven Technologies and High-Performance Assays

Proprietary wash technique

The unique washing process of the Test Unit is at the heart of the IMMULITE system. Excellent separation of unbound material is achieved by spinning the Test Unit on its vertical axis. The reaction fluid is efficiently

expelled into the sump chamber of the Test Unit. This produces extremely low and consistent nonspecific binding, which is critical for superior assay performance.



Sample and reagent are automatically ported into the Test Unit.

Following incubation, the Test Unit is spun at high speed.

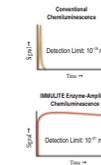
Reaction fluid is forced up and completely captured in the sump chamber.

A series of washes efficiently removes unbound material from the bead and inner tube.

Chemiluminescent substrate is added to the Test Unit. Light emission is read with a high-sensitivity photon counter.

Sustained chemiluminescence

The unique enzyme-amplified chemiluminescence used in the IMMULITE system provides lower detection limits compared to conventional technology. Thousands of photons are emitted per immunochemical event with each IMMULITE reaction. The sustained signal allows multiple readings to be taken for more precise measurement.



Real Peace of Mind.

Award-Winning Customer Support

Diagnostic Products Corporation won the 2005 Omega NorthFace ScoreBoard Award for excellence in technical service and field service. This award program recognizes organizations that provide exemplary customer service and have shown a deep commitment to exceeding customer expectations.

At DPC, we are dedicated to helping our customers efficiently manage their immunodiagnostic testing. When a laboratory purchases an IMMULITE 1000 system, it is not just buying an immunoassay system or reagents. Rather, it becomes a valued partner with the DPC organization through a complement of unique service and support solutions.

World-class technical service

DPC pledges to provide superior technical support service: "Whatever it takes, 24/7."

- Highly trained technicians and engineers provide support of all DPC products.

Field service support

- Regionally located technical sales representatives and field service engineers.
- Onsite training, method validation, servicing and troubleshooting.

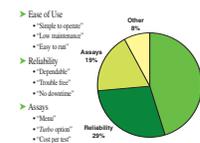
Remote Diagnostics

- Direct instrument support via a modern link provides a proactive approach to diagnose and resolve any issues.
- System access is available only with user's permission.
- The most comprehensive service support system available.

Training

- Classes are provided at each of DPC's worldwide locations.
- Training CDs are included as part of the support package.

What do customers say they like most about their IMMULITE 1000?*



* US survey conducted by Omega Management from December 2005 through May 2006, included precision office labs, in vitro fertilization centers, clinics, hospitals and reference labs.

Better than ever

The average rate of repairs per instrument has steadily declined, even as the number of IMMULITE 1000 placements has grown.

