



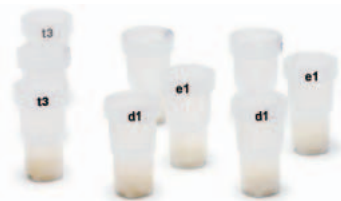
## ***ImmunoCAP<sup>®</sup> 1000***

***A fully automatic system optimized for accurate, efficient and reproducible processing of Specific IgE tests***

# Fully Automated In Vitro Allergy Diagnostics

## Available Analytes

The ImmunoCAP® 1000 System is a fast, fully integrated diagnostic system optimized for the quantitative measurement of well-accepted markers of allergic disease. Designed with leading-edge automation to minimize labor requirements, the ImmunoCAP 1000 system features continuous random access to handle any additional test request during its regular run. As the workhorse for specific IgE testing, high volume labs have the ability to keep up with the demand for ImmunoCAP Specific IgE 0-100, the only test cleared by the FDA to quantitatively measure and report down to its detection limit of 0.1kU<sub>A</sub>/L.<sup>1</sup>



<b>Allergic Disease</b>
Specific IgE Total IgE Specific IgG***
<b>Inflammation</b>
ECP*, **
<small>*For Investigational Use Only, the performance characteristics for this product are not determined. **Pending 2006 release ***Analyte Specific Reagent</small>

## Accurate and Reproducible

- ◆ Assays calibrated against WHO reference preparations provide results in quantitative and linear mass-units
- ◆ Reagents optimized for 37°C processing enhance reliability
- ◆ Utilizes high-precision ImmunoCAP technology, and assays require only 40 µL serum/plasma per determination
- ◆ Maintains a constant 37°C temperature-controlled processing chamber

## Efficient

A system optimized for allergy testing, the ImmunoCAP 1000 provides extremely accurate, reproducible quantitative results across the full measuring range of each analyte

- ◆ Continuous random access flexibility
- ◆ Calibration curves can be stored
- ◆ First result in 100 minutes and 240 results per hour of operation
- ◆ Ready-to-use daily curve controls and quality controls
- ◆ In five hours of processing, ImmunoCAP 1000 can deliver 1250 results
- ◆ Minimal hands-on time per run

### Pre-Analytical Process



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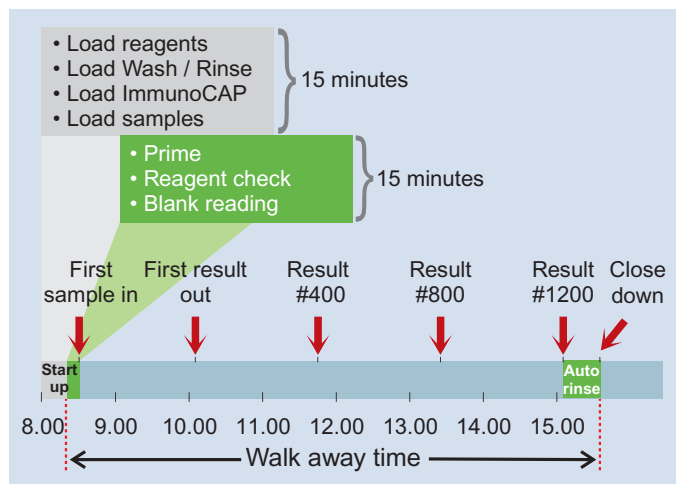


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### Hands-on Time per Run



Simply run the instrument longer to process more tests.

Software optimized for LIS-connections, prompts operator to load calibrators, controls, reagents, patient samples, and additional ImmunoCAP tests (if needed). Operator presses a key to start for maximum walk-away time.

Relative productivity index (RPI) is an efficiency measurement based on the quantity of reported results and hands-on time required to process those results. Higher RPI values as seen in Figure 11 indicate a laboratory is using a cost-effective test method and instrumentation system.<sup>6</sup>

System	Reported Specific IgE Results	Hands-on Time	Walk-away Time	Relative Productivity Index (RPI)
Pharmacia Diagnostics AB <b>ImmunoCAP® 1000</b>	626	14 min	4hr 41 min	2683
Pharmacia Diagnostics AB <b>ImmunoCAP 250</b>	327	12 min	5 hr 18 min	1685
Diagnostic Products Corp. <b>Immulite® 2000</b>	423	46 min	5hr 9 min	552

**Figure 11.** Relative productivity study presented at the 2005 World Allergy Congress, Munich, Germany.

ImmunoCAP systems are selected by approximately 80% of laboratories processing specific IgE tests, because they maximize laboratory operational efficiency without sacrificing assay performance and test quality. Precise and accurate specific IgE test results are within reach with ImmunoCAP systems

### Key instrument features

- ◆ 200 samples can be simultaneously on board
- ◆ 9600 tests (600 ImmunoCAP Carriers) capacity
- ◆ Complete reagent lot traceability
- ◆ Low maintenance requirements
- ◆ Instrument self-test prevents errors before start, and includes a print out of recommended actions
- ◆ On board reagent storage and inventory management.

### Comprehensive Service and Support

Pharmacia Diagnostics offers a complete array of services designed to help you gain a competitive advantage through stronger relationships, reduced costs, and optimized systems performance. From delivering integrated end-to-end solutions, to providing a full range of support options, Pharmacia Diagnostics is focused on meeting your scientific and business objectives.

Training Services	Support & Quality Care for ImmunoCAP Instruments	Software, Parts & Accessories
<p>Training experts can help your end-users optimize results and to work better, faster, and more effectively.</p> <ul style="list-style-type: none"> <li>◆ Product Training</li> <li>◆ Maintenance Training</li> <li>◆ On-line Internet Resource Material</li> <li>◆ Biomedical Engineer Tech Training</li> </ul>	<p>We appreciate your business and will help you obtain maximum value in your technology investment.</p> <ul style="list-style-type: none"> <li>◆ Quality Club – Quality Assessment</li> <li>◆ Service Agreements</li> <li>◆ Toll-free Technical Support</li> <li>◆ Installation Service</li> <li>◆ On-Site Field Service</li> </ul>	<p>Pharmacia Diagnostics is committed to helping you efficiently process ImmunoCAP testing.</p> <ul style="list-style-type: none"> <li>◆ Software Updates</li> <li>◆ Parts</li> <li>◆ Accessories</li> </ul>

## Disposables

Product Name/Details	Product No.	Quantity	Category Code
Pipette tips in bags	12-3805-03	5000	53KX
Pipette tips in racks	12-3805-04	3840	53KX
Sample Rack Holder	12-3807-41	1	53KX

## Specifications

<b>Dimensions</b>	Floor model. Instrument requires 40 inches + 24 inches service clearance x 71 inches x 83 inches (D x W x H)
<b>Weight</b>	1700 lbs. Fully loaded
<b>Power Supply</b>	AC 230V, 16A, 50/60 Hz grounded outlet
<b>Power Consumption</b>	550 VA (maximum) UPS supplied (1000 VA)
<b>Electrical/Mechanical Certifications</b>	CE, IEC, EMC (EN), ETL
<b>Operating Temperature</b>	Ambient air temperature: 18°C to 32°C, 64.4°F to 89.6°F Ambient air change: 2°C/hr maximum Ambient air humidity: 10% to 85% RH
<b>Pipette Type</b>	Liquid Level detection
<b>Rinse Solution</b>	Distilled Water
<b>Printer</b>	External PC laser printer
<b>Serial Ports for Supplied External PC and ImmunoCAP instruments</b>	Link up to five ImmunoCAP 1000 Instruments
<b>Product Number</b>	12-3700-02

ImmunoCAP® 100<sup>E</sup>, ImmunoCAP® 250 and ImmunoCAP® 1000 have CLIA-Moderate classifications. ImmunoCAP® and UniCAP® are registered trademark of Pharmacia Diagnostics AB. ImmunoCAP® brand name replaces the old brand name UniCAP®.

Registered product names are UniCAP® 100, UniCAP® 250 and UniCAP® 1000.

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