

# Phadia® 5000

## Designed for **allergy and autoimmunity testing**

Test results with clinical relevance






Phadia® 5000 is ideal for high volume laboratories delivering 25 000 – 45 000 results per week.

### FLEXIBILITY

Phadia 5000 comes with **four process lines** which with three different configurations can be set up for allergy and autoimmunity testing.

- An allergen panel detecting sensitization to 600 allergens and 80 allergen components
- An autoimmunity panel for evaluation of over 20 diseases

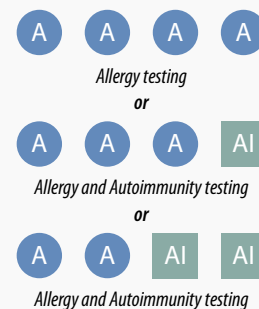
### CAPACITY

- Capacity per process line: 240 results/hour 
- Capacity per process line: 150 results/hour 
- Continuous random access
- All reagents available onboard
- 28-day storage of calibrator curves
- On board dilution 
- Connectable to Laboratory Automation Systems
- Clustered set-up for increased capacity

### RELIABILITY

- Excellent consistency over time and between countries, systems, laboratories and users
- The largest quality assessment program in the world
- Remote diagnostics via Phadia® LabCommunity

### Four process lines



### Available Assays

#### For Allergic diseases

- ImmunoCAP® Specific IgE
- ImmunoCAP® Total IgE
- ImmunoCAP® Specific IgG
- ImmunoCAP® Specific IgG4

#### For Autoimmune diseases

- Rheumatoid Arthritis
- Vasculitis / Goodpasture Syndrome
- Connective Tissue Diseases
- Antiphospholipid Syndrome
- Autoimmune Thyroiditis
- Celiac and Inflammatory Bowel Diseases

A growing range of solutions for allergy and autoimmunity testing.

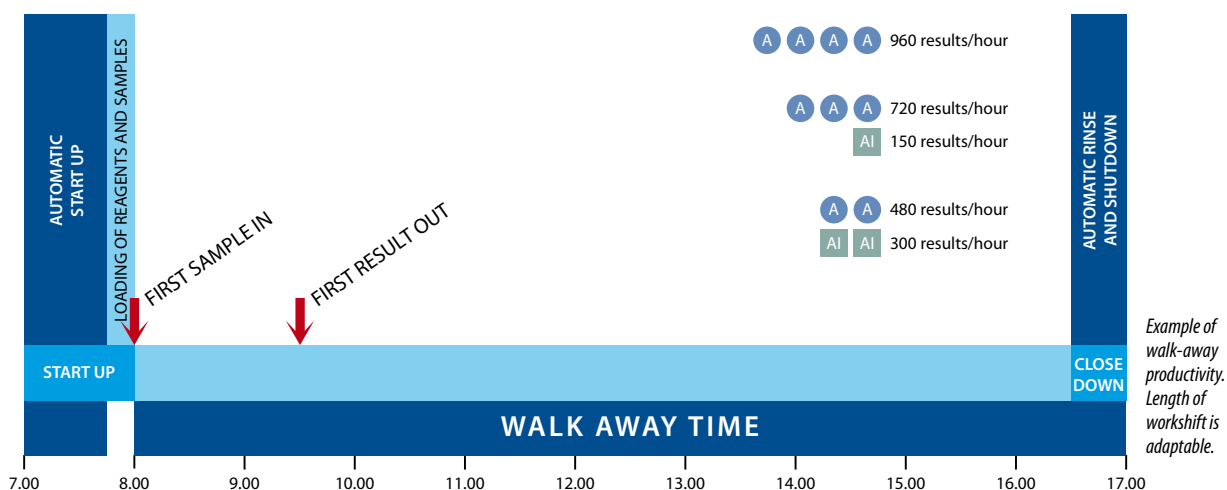
**Phadia® 5000**

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- 1 **Rack Input/Output Module** (160 racks) Loading area for; Patient samples, Quality Controls, ImmunoCAP®/EliA™ wells, Calibrators/CC
- 2 **Pipette Tip Rack Input**
- 3 **Cooled ImmunoCAP/EliA Well Carrier Storage** (900 positions)
- 4 **Development Storage** (2 x 2 positions)
- 5 **Cooled Conjugate Storage** (16 positions) automatic barcode reading
- 6 **Barcode Reader** for traceability of reagent lot #
- 7 **LCD** for Instrument Management Software
- 8 **Wash Tank**, automatic refill function
- 9 **Hand held barcode reader** for traceability of reagent lot #
- 10 **Stop Solution Position** (2 positions)
- 11 **Washing Solution Concentrate & Washing Solution Additive Bottles**
- 12 **Rinse piped in / Waste piped out**\*
- 13 **Stand alone PC** for Phadia IDM software, connectable to main-frame (LIS)\*  
\*Position not shown in picture

## AUTOMATION FOR WALK-AWAY PRODUCTIVITY



A growing range of solutions for allergy and autoimmunity testing.

For more information go to the Phadia website: [www.thermoscientific.com/phadia](http://www.thermoscientific.com/phadia)

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