

# DO MORE

## ALLERGY TESTING

# WITH LESS

### USING NOVEOS® SOLUTIONS

## » MORE

## « LESS



### » EFFICIENT, COST-EFFECTIVE

- Liquid, ready-to-use reagents allowing much larger lot sizes and less waste
- Continuous loading of reagents and samples during the run
- Process over 350 allergy tests in a single shift
- Ideal for mid-size laboratories performing 15,000-50,000 tests annually



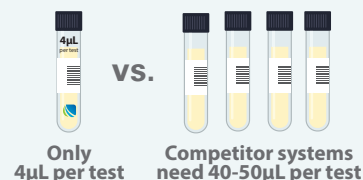
### » ACCURATE RESULTS

- Vast Surface Area: Each test contains more than 35 million microparticles, which allows for vast surface area and for more effective washing.
- Dynamic Reaction Kinetics: Noveos paramagnetic microparticles are resuspended in solution and are paramagnetic which allows for dynamic three-dimensional liquid-phase kinetics for fast binding and high sensitivity.



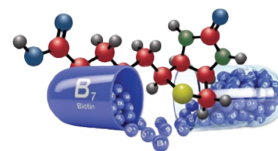
### « SAMPLE SIZE PER TEST

- Ideal for testing pediatric and direct consumer allergy patients
- Reduces Quantity Not Sufficient (QNS) errors
- Small sample volumes reduce interference from serum substances



### « INTERFERENCES

- No **biotin interferences**, preventing false negative results
- Unaffected by cellulose-based **Cross-reactive Carbohydrate Determinant (CCD) interferences**, eliminating false positives



### « PREVENTATIVE MAINTENANCE TIME

- Saving one complete day on monthly preventive maintenance compared to competitors
- Daily maintenance during start-up of the instrument for efficient use of time



Reclaim 85 hours of technician time each year!



## Features

### 1. Sample Rotor

- Capacity for 60 sample positions
- Refrigerated at 4°C to 10°C
- Removable sample tray

### 2. Reaction Rotor

- 200 cuvette positions for continuous processing
- Heated at 37°C
- Semi-disposable cuvettes

### 3. Reagent Rotor

- 150 Allergen positions
- Refrigerated at 2°C to 8°C
- Load up to 10,500 tests per run

### 4. Probes

### 5. Barcode Readers

- Full sample and reagent traceability through barcodes allows for inventory tracking and automated processing
- The system can read Code 39, Code 128, Interleaved 2 of 5, and Codabar.
- NOVEOS reagents are provided with Code 128 barcodes.

### 6. Fluo Beads™

- Fluorescent-tagged streptavidin magnetic microparticles

### 7. Convenient NOVEOS software

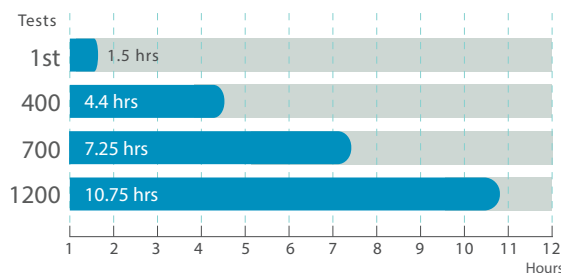
- Easy to access information
- Results reported in real time
- High capacity database
- Effortless searches
- Built in quality control
- Easy to train, learn and operate

## Instrument specifications

Dimensions	Length 1562 mm (61.5 in.) • Height 1295 mm (51 in.) • Depth 826 mm (32.5 in.)
Weight	400 Kg (881 lbs.), with empty waste, wash and DI water containers.
Doors Open	Length 2032 mm (80 in.)   Height 1295 mm (51 in.)   Depth 1461 mm (57.5 in.)
Canopy Open	1867 mm (73.5 in.)
Status Pole	1625 mm (64 inches)
Service Access	Allow an extra 914.4 mm (36 in.) to one side and to the front for servicing.

## Key metrics that can elevate your operations

- Time to first results: 100 minutes
- Testing capacity: ~100 tests per hour after the first test result
- Tests per position: 25 - 75
- Allergen positions onboard: 150
- Maximum loading capacity: 10,500
- Training: 1-day onsite training
- Configurations available: Choose between 1200 or 700 tests per run\*



\* Up to 700 tests per run in stand-alone configuration. Up to 1200 tests per run when connected directly to a deionized water source and waste drain.

† These products may not be cleared for use in your country. Please contact your sales representative for information about specific product availability.

‡ Research Use Only. Not for Use in Diagnostic Procedures.

## Expanding Menu<sup>†</sup>

### Specific IgE

- Epidermal & Animal Proteins
- Food
- Grass / Weeds
- Mites, Insects & Parasites
- Molds
- Occupational
- Trees
- Noveos Screen
- Mixes

### Allergen Components

- Native & Recombinant

### Total IgE

### Tryptase RUO<sup>‡</sup>

### Eosinophil cationic protein (ECP) RUO<sup>‡</sup>

**Request a demo to see the Noveos features in action!**

Contact your local sales rep or visit us online to learn more. [HycorBiomedical.com/demo](https://www.HycorBiomedical.com/demo)



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