



Phadia 250

Made to flex

The Phadia 250 instrument is one of the most versatile instruments available for testing to aid in the diagnosis of allergy and autoimmunity conditions.

With the fully automated Phadia 250 instrument, laboratories can run automated EliA™ and ImmunoCAP™ tests with random access in a variety of workflow settings.

The Phadia 250 instrument, together with the large portfolio of ImmunoCAP and EliA tests, delivers the flexibility you need to adapt quickly and meet your clinicians' evolving demands.



ThermoFisher
SCIENTIFIC

Feature	Description
Category	Continuous Random Access immunoassay systems
Throughput	ImmunoCAP: 60 test results/hour EliA: 60 test results/hour
Unique Combination	Diagnosis of both allergic and autoimmune diseases
Automation	Automated dispensing, processing and measuring. Full traceability of samples and reagents
Patient sample capacity	10- position sample rack: 50 samples 16- position sample rack: 80 samples
Connectivity	Laboratory Information System (LIS) / Laboratory Automation Systems (LAS)
Sample dilutions	Yes
Reflex testing	Yes
Onboard carrier storage	Max 180 carriers at 2-8°C
Onboard reagent storage	Yes
Calibration curve stability	28 days
Environmental requirements (ambient)	Operational temperature: 18-32°C Air humidity: 10-85 % relative humidity, non-condensing Maximum altitude: 3000 m Allowed temperature change: 2°C / hour
Sample tube dimension for sample racks	10- position sample rack: Height 50-110 mm, Diameter 10-17 mm 16- position sample rack: Height 50-110 mm, Diameter 10-13.0 mm
	Run ImmunoCAP and EliA tests together on a single platform
	Detect sensitization with 500+ whole allergens and allergen mixes and 100+ allergen components***
	Choose from a broad menu covering clinically relevant tests for the evaluation of up to 50 common autoimmune disease markers
	Run all needed tests from a single patient sample
Allergic Diseases	ImmunoCAP Specific IgE, Total IgE, Specific IgG, Specific IgG4, ECP, Tryptase, etc
	An allergen panel detecting sensitization to more than 650 allergens and including more than 100 allergen components
EliA Autoimmune Diseases	Rheumatoid Arthritis, Celiac Disease, Inflammatory Bowel Diseases, Vasculitis Tissue Diseases, Thyroid Diseases, Autoimmune Thyroiditis, Primary Biliary Cirrhosis
	An autoimmunity panel for evaluation of over 20 diseases
Sound level	≤ 65 dBA at 1 m distance
Barcode symbology	Code 39, Code 93, Code 128, Codabar (NW-7), COOP 2 of 5, EAN-8, Industrial 2 of 5, Interleave 2–5
Sample barcodes	Length: ≤ 70 mm Density: ≥ 10 mil
	Barcode reader for identification of reagents
	Integrated storage for wash and rinse solution, as well as solid and liquid waste containers
	Loading tray for 38 EliA or ImmunoCAP carriers in addition to the positions in the storage chamber
	Cooled storage chamber for 180 barcode-controlled EliA and ImmunoCAP carriers.
	LCD, logical and intuitive instrument management via touch screen.
Electrical requirements	100 V, 120 V, 220 V, 230 V, 240 V ±10%, 50/60 Hz (±2 Hz)
Power consumption	Average 0.55 kVA, Max 1.2 kVA
Dimensions (H x W x D)	1850 x 1270 x 760 mm
Weight	220 kg

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