



EUROIMMUN Analyzer I-2P

Automation solution for efficient ELISA processing

Ideal for small and medium sample throughputs

The EUROIMMUN Analyzer I-2P is an open, fully automated system for the processing of up to 50 ELISAs per hour. It was specifically designed for laboratories with a low to medium sample throughput. Up to three microplates and 144 patient samples can be processed efficiently in one run.

The combination with established Euroimmun ELISAs enables a consistently optimised and secure workflow in the routine laboratory. Automatic barcode identification of patient samples and ready-to-use reagents assures high process reliability and complete traceability.

The intuitive software interface supports the user in all steps and ensures smooth operation in the diagnostic routine.

Features

- Fully automated ELISA processing of up to 50 tests per hour with minimal manual input
- Reliability and traceability through automatic identification of barcodes for patient samples and ready-to-use reagents
- Convenient and safe operation via the user-friendly graphical interface and low-maintenance hardware

System	
Sample capacity	up to 144 samples
Microplate capacity	up to 3 plates
Analysis capacity per microplate	up to 12 different ones (use of break-off microplate wells possible)
Analysis capacity per worklist	up to 36
Sample tube size	outer diameter up to 16 mm, height 30–100 mm
Dilution area	2 x 2-ml deep-well plates with 96 wells
Barcode recognition	automated registration of sample tubes/reagents/microplates with all conventional barcode types; QC certificates via 2D hand barcode scanner
Safety functions	control of strip quantity, tip size and reagent level
Photometer	
Spectral bandwidth	400–700
Dynamic bandwidth	0.010 to 3.500 OD (measurement range)
Filter wavelengths	405 nm, 450 nm, 492 nm, 570 nm, 620 nm, 690 nm (2 more filters possible)
Pipetting unit	
Pipettor	liquid pipette with disposable tips, capacitive liquid level detection
Pipette tips	300-µl conductive disposable tips (ZG 0201-0118), 1100-µl conductive disposable tips (ZG 0202-0110)
Precision	CV < 5 % at 20 µl, CV < 3 % at 100 µl
Incubation	
Capacity	2 heatable incubators with shaking option up to 20 Hz, 3 incubators at room temperature
Temperature range	for incubation at room temperature, up to 50 °C
Washer	
Wash buffer capacity	up to 3 different wash buffers
Wash head	8 dispensing and aspirating needles for round and flat bottom plates
Rest volume	< 5 µl in flat bottom plate, < 2.5 µl in round bottom plate
Liquid level alarm	continuous control of wash buffer and waste containers
Characteristics	
Bidirectional communication	ASTM, ASCII
User interface language	English, German, French, Italian, Spanish, Polish
Electrical data	100–240 V, 50/60 Hz, 320 VA
Dimensions/Weight	1200 mm x 750 mm x 1150 mm (W x D x H) / 100 kg

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www.euroimmun.com/contact

