



# EUROIMMUN Analyzer I-2P

Efficient automation for small and medium sample volumes



- Fully automated ELISA processing for small to medium sample volumes with minimal manual input
- High throughput – up to 50 test results per hour
- Safety and traceability through automated barcode identification from patient samples to the ready-to-use reagents
- Convenient and safe operation via the user-friendly graphical interface and low-maintenance hardware
- Excellent service from EUROIMMUN – your contact for everything from test systems to instruments and software



The **EUROIMMUN Analyzer I-2P** is an open system for automated ELISA processing of up to 3 microplates and 144 patient samples in one run.

The system enables convenient and secure processing of small to medium sample volumes through automated identification and allocation of samples and reagents and the import of QC data via Data Matrix codes.



## System

Quantity of patient samples .....	up to 144 samples
Quantity of microplates .....	up to 3 plates
Quantity of analyses/microplate ....	up to 12 different (use of break-off microplate wells possible)
Quantity of analyses/worklist .....	up to 36
Size of sample tubes .....	outer diameter 13 – 16 mm, height 30–100 mm
Dilution area .....	2 x 96 2-ml Deepwell plates
Barcode identification .....	automated registration of sample tubes/reagents/microplates with all conventional barcode types; QC certificate via 2D hand barcode scanner
Safety functions .....	control of strip quantity, tip size and reagent level

## Photometer

Spectral bandwidth .....	400–700 nm
Dynamic bandwidth .....	0.010 to 3.500 OD (measurement range)
Filter wavelength .....	405 nm, 450 nm, 492 nm, 570 nm, 620 nm, 690 nm (2 more filters possible)

## Pipettor

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 5 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 .....	room temperature 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

## Properties

Operating system .....	Microsoft Windows 10 Enterprise 2019 LTSC (64 bit)
Bidirectional communication .....	ASTM, ASCII
Languages .....	German, English, French, Italian, Spanish, Polish
Electrical data .....	100–240V, 50/60 Hz, 320 VA
Dimensions/weight .....	120 cm x 75 cm x 115 cm (BxTxH)/100 kg