



## EUROBlotOne

### Compact immunoblot solution

Fully automated processing with minimal manual input

The EUROBlotOne is a compact tabletop instrument for complete processing of immunoblots. Following the fast and convenient software-guided loading, the system provides sample identification and dilution as well as all incubation steps, washing steps and image acquisition – allowing the combination of different tests with up to 44 immunoblots in one run.

Together with the worldwide established EUROLinScan software, the EUROBlotOne ensures precision and reproducibility from the first incubation step to image recording: the blot strips are automatically dried, photographed and evaluated. Analysis requests or test results can be communicated bidirectionally with a laboratory information system (LIS) and with EUROLabOffice 4.0.

On top of that, Euroimmun offers you excellent service. We are your contact for complete solutions, from test systems to instruments and software for your diagnostic laboratory.

### Features

- Suitable for all Euroimmun immunoblots for autoimmune, infection and allergy diagnostics as well as for food sensitivity
- Integrated drying unit for fast evaluation of strips and high reproducibility of results
- Security and traceability through automated identification of sample barcodes
- Convenient and safe operation via the user-friendly graphical interface and low-maintenance hardware

System	
Capacity for samples	up to 44 positions (outer diameter 8–16 mm, height up to 100 mm)
Capacity for tests	up to 44 strips
Capacity for controls	up to 4
Sample material	plasma, serum, CSF
Sample identification	automated barcode recognition
Processing of test strips	
Needle	one washable needle with capacitive liquid level detection
Volume	15–200 µl (in 1-µl increments)
Accuracy	CV < 4 %
System liquid	1 l with liquid level detection
Waste container	4 l with liquid level detection
Reagent transfer	
Reagent pumps	8
Dispensing volume	0.1–5 ml (in 0.1-ml increments)
Precision	CV < 10 %
Digitalisation	
Camera	CCD camera, monochromatic, 5 megapixels
Resolution	490 dpi
Features	
Operating system	Microsoft Windows 11 Pro (64 Bit)
Hardware	all-in-one PC, 2.5 GHz, 8 GB RAM, 256 GB SATA SSD
Connection	USB 3.0
Test evaluation	EUROLineScan software
Power supply	100–230 V, 85 VA, 50/60 Hz
Dimensions/Weight	810 mm × 530 mm × 495 mm (W × D × H) / 40 kg

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