



EUROBlotOne

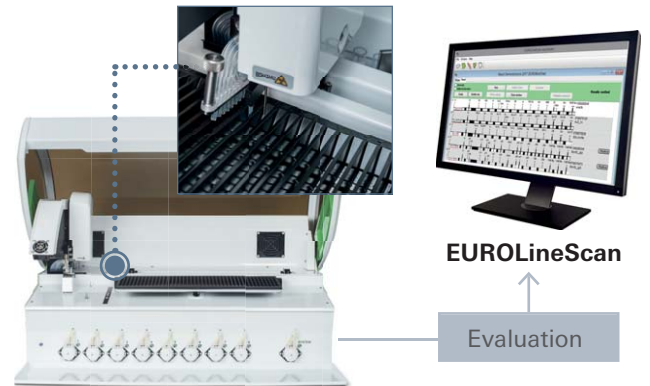
Fully automated processing of immunoblots



- Fully automated processing of all EUROIMMUN immunoblots for autoimmune, infection and allergy diagnostics with minimal manual effort
- Precision and reproducibility from the first incubation step to the recording of images of the incubated immunoblot strips
- Flexible system allowing the combination of different tests in one run
- Security and traceability through the automated identification of sample barcodes
- Convenient and safe operation via the user-friendly graphical interface and low-maintenance hardware
- Reliable evaluation of all EUROIMMUN immunoblots with the worldwide established EUROLinScan software
- Excellent service from EUROIMMUN – your contact for everything from test systems to instruments and software



With the **EUROBlotOne**, EUROIMMUN offers a compact tabletop device for the automated processing of immunoblots. The automated system carries out the identification and dilution of samples as well as all incubation and washing steps. The incubated strips are automatically dried and photographed and then evaluated using the EUROLineScan software. EUROLineScan can be connected bidirectionally to a laboratory information system (LIS) or to EUROLabOffice 4.0.



System

Sample capacity	up to 44 positions (outer diameter 8–16 mm, height up to 100 mm)
Sample material	plasma, serum, CSF
Sample identification	automated barcode recognition
Test capacity	up to 44 strips
Control capacity	up to 4
Power supply	100–230V, 85 VA, 50/60 Hz

Processing of test strips

Needle system	1 washable needle with capacitive liquid level detection
Volume	15–200 µL (in 1-µL steps)
Precision	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 steps)
Precision	CV < 10%

Digitalisation

Camera	CCD camera, monochromatic, 5 megapixels
Resolution	490 dpi

Software and system requirements

Operating system	Microsoft Windows 10 Pro (64 bits)
Hardware	all-in-one PC, 2.5 GHz, 8 GB RAM, 256 GB SATA SSD
Connection	USB 3.0
Test evaluation	EUROLineScan software

Dimensions

Width x depth x height	81 cm x 53 cm x 49.5 cm
Weight	40 kg