



EUROBlotOne

Fully automated processing of immunoblots



- **Fully automated system:** processing of entire immunoblot procedure – from sample identification to end results
- **Security:** integrated barcode identification ensures that the correct samples are pipetted
- **High walkaway capacity:** up to 44 samples per run
- **Flexibility:** autoimmune, infectious and allergy diagnostics on one device, processing of many innovative multiparameter tests
- **Simplification of routine:** user-friendly soft- and hardware, minimal maintenance
- **Reliability:** automated evaluation using the worldwide established and user-friendly EUROLineScan software
- **All you need from a single source:** One contact partner for complete service and support for tests, instruments and software



The EUROBlotOne is a new, compact tabletop device for the complete processing of immunoblots.

The system performs the identification and dilution of samples and all incubation and washing steps. Incubated strips are automatically photographed and then evaluated by the EUROLineScan program. EUROLineScan can be connected bidirectionally to LIS or EUROLabOffice.



Device operation

- PC-controlled via USB connection
- Convenient operation through user-friendly software
- Combination of different conjugates/test systems in one run
- Bidirectional communication with EUROLineScan (import and export of worklists, evaluation of incubated blot strips)

Samples

- 44 positions in sample rack
- Sample identification by means of integrated barcode scanner
- Liquid level detection (capacitive), pipetting volume 15-200 μ l
- System solution (1-liter bottle with liquid level control and alarm)
- Sample dilution in channels of incubation tray through addition of dilution buffer

Reagents

- 44 channels for blot strips per incubation tray
- 8 peristaltic pumps for reagent dispensing
- Fast and reliable aspiration from individual channels via vacuum suction (4-liter waste bottle with liquid level control and alarm)
- Incubation on rocking shaker

Digitalisation of incubated blot strips

- Monochromatic CCD camera
- Green LED lighting – digitalisation under normal light conditions
- Acquisition and storage of photos for each strip individually
- Naming of photo files with worklist and sample IDs