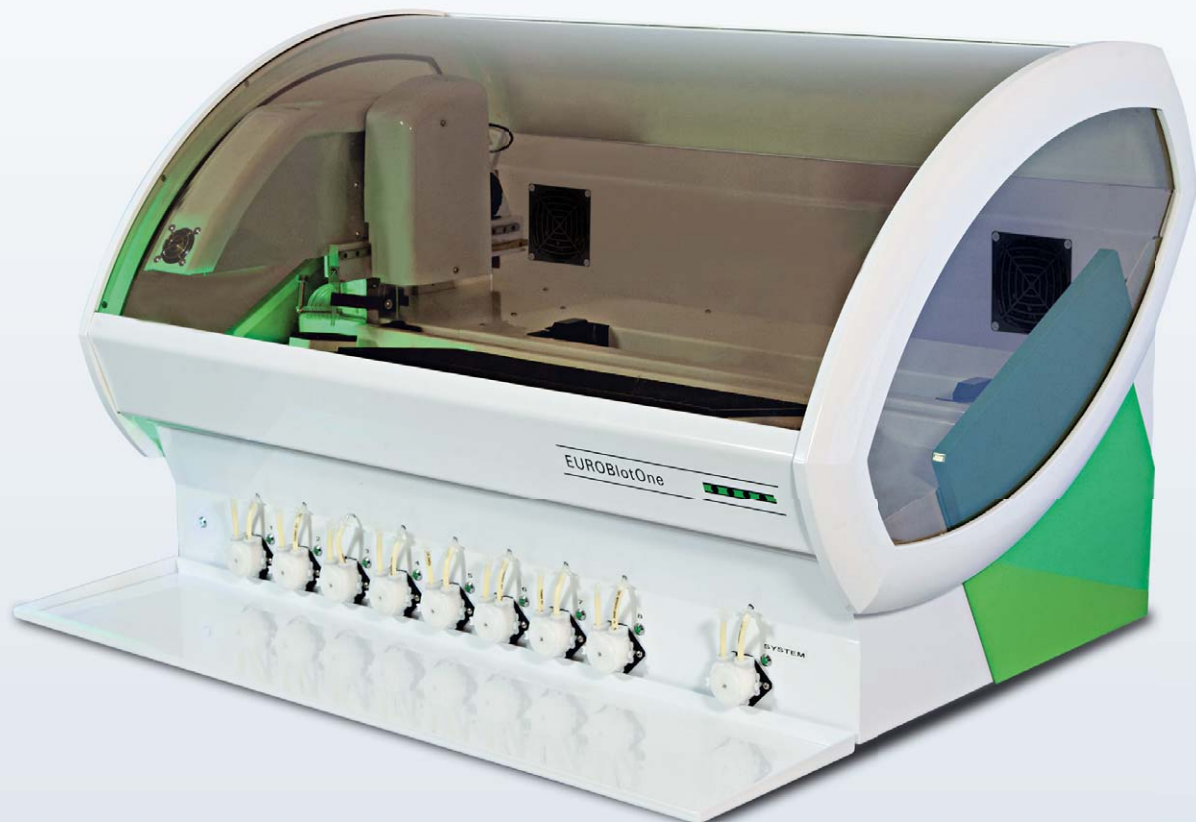




EUROBlotOne

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 EURO-LabOffice.



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, 85VA , 50/60 Hz

Processing of test strips

Needle system 1 washable needle with capacitive liquid level detection
 Volume 15–200 μ L (in 1- μ L 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