



EUROBlotMaster

The compact blot processor for immunoblot strips



- ✓ **Standardisation of immunoblot strips – higher precision and reproducibility**
- ✓ **Automatisation of all EUROIMMUN immunoblot strips (EUROLINE, EUROLINE-WB, Westernblot)**
- ✓ **Over 90 validated profiles available (autoantibody diagnostics, infection diagnostics and allergy diagnostics)**
- ✓ **Two models available: for up to 30 or 44 strips per test run**
- ✓ **Easy operation**
- ✓ **Combination of different conjugates/tests in one run**
- ✓ **Walk-away function – fully automated from the start to the end of processing following loading**
- ✓ **Compatible with modern evaluation systems such as EUROBlotCamera and EUROLineScan**



Performance features and walk-away function

- System operation in stand-alone mode
- Up to 30 or 44 strips loadable
- Start position in incubation tray can be freely selected
- 20 test programmes can be stored
- 6 different reagent channels for up to 6 different reagents
- Pump calibration
- Rocking shaker
- Low maintenance times of not more than 5 minutes per day
- Fully automated application and aspiration of reagents
- Following loading, fully automated processing of tests until the incubation is completed
- Over-night processing
- High-precision dispensing system ensures reproducible results



Steps of a test run

- Creation of a work list (select test programme, define start position and enter number of strips)
- Loading of reagents into the system (software-controlled)
- Insertion of strips and samples when requested
- Automatic performance of the incubation, including washing steps
- Evaluation of strips



High safety and reliability

- Integrated error detection
- Covering provides protection for personnel and reagents. The incubation takes place in a closed environment
- International conformity (standardisation): IVD 98/79/EC

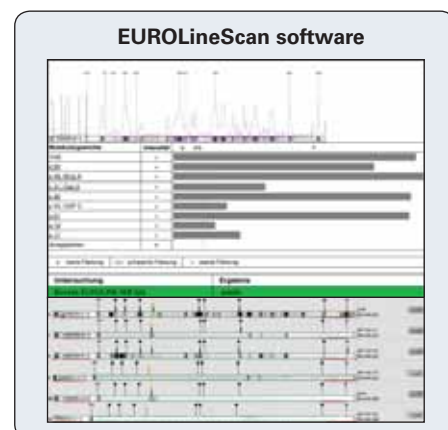
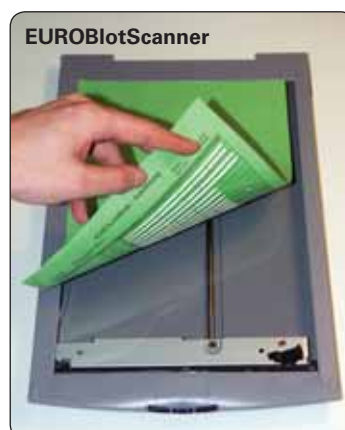


Easy operation

- User-friendly menu navigation
- Membrane keyboard with 6 keys and well-structured LCD display
- Easy access to reagent bottles at the front of the system
- The incubation tray is designed such that it allows a quick application of samples using multichannel pipettes
- No carry-over between the individual incubation channels
- Status of the test run is clearly displayed
- Acoustic signal indicates the completion of the test run or when action of the user is required
- User software available in various languages (German, English, French, Spanish, Portuguese, Italian, Czech and Turkish)

Evaluation and interpretation of results using EUROLineScan

- EUROBlotCamera: digitalisation of strips within the incubation tray
- EUROBlotScanner: digitalisation of strips via flatbed scanner
- Fully automatic identification, quantification and registration
- Complete result report available within a few minutes after completion of the incubation
- Report sheet can be extended by qualified staff (compulsory logging of modifications)
- Fully automatic management and documentation of individual data
- Electronic archiving of images and data (the storage of potentially infectious blot strips is rendered indispensable)



EUROIMMUN service

- Programming and set-up of automated system by qualified personnel
- Competent introduction to the system with user training
- Specialist advice and customer service onsite or via EUROIMMUN service number +49 451 5855 732
- Attractive maintenance contracts



EUROBlotMaster specifications

General data

Display

Illuminated liquid crystal display (LCD)

2 rows with 40 characters each

Control panel

Membrane key board with 6 keys,

7 LED control lamps

Computer interface

USB

Number of stored tests

Up to 20

Number of test steps

Up to 14

Number of step cycles

1–20

Incubation period

00:00 – 30:59 (hh:mm) in steps of 1 min each

Total incubation period

Up to 99:59 (hh:mm)

Number of strips

Up to 30 or 44

Incubation tray

Synthetic, disposable

Rocking of strips

Rocking shaker, 3 speed types available

Number of dispensing channels

6

Dispensing volume

0.1–5 ml in steps of 0.1 ml

Dispensing accuracy

< 10%

Capacity of reagent bottles

4x 60 ml, 2x 250 ml, 1x 500 ml

Capacity of waste bottle

2000 ml

Current/Voltage

Power supply

22–24 V DC

(e.g. switching power supply 100–240V, 50–60Hz)

Power

Up to 30Watt

Fuse

T2A (on main board)

Physical data

External dimensions

520 mm (B) x 310 mm (T) x 250 mm (H)

Weight

14.5 kg

Order information

YG 0151-0101

YG 0151-0101-1

EUROBlotMaster (for trays with 30 channels)

EUROBlotMaster 44 (for trays with 44 channels)

Scope of delivery: line cable, switching power supply, user manual, 7 reagent bottles, waste bottle, 3 incubation trays, measuring cylinder

ZD 9899-0130

Incubation tray (30 channels, white)

ZD 9898-0130

Incubation tray (30 channels, black)

ZD 9898-0144

Incubation tray (44 channels, black)

ZD 9897-0131

Incubation tray (30 channels, black,

volume-reduced for allergy diagnostics)

ZD 9897-0145

Incubation tray (44 channels, black,

volume-reduced for allergy diagnostics)

ZG 0009-0505

Setup Clean (500 ml)