

RoboBlot™

The new dimension in automation of BLOT assays



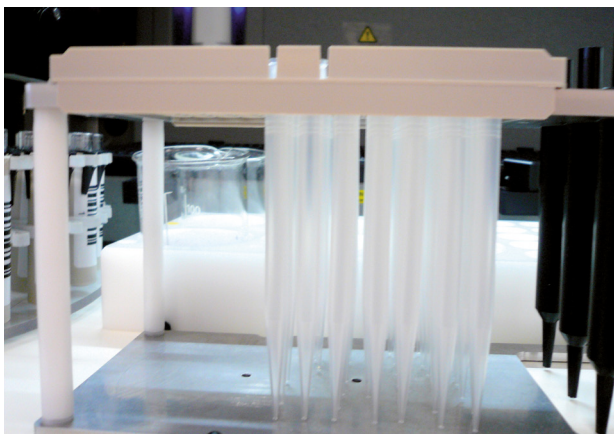
RoboBlot™

New generation of fully automated analyzer for processing and evaluation of immunoblot kits. In addition to standard reagent dosing, incubation, and strip washing, the analyzer pipettes samples from primary tubes and automatically evaluates results with the export options to the laboratory information systems.

The instrument allows processing of up to 50 samples and 5 different methods simultaneously. Built-in Barcode reader provides easy and safe sample handling.

The complex solution of Immunoblot TestLine kits

- Fully automated processing of the kits
- Minimization of manual handling and operating time
- Control of the entire process using Immunoblot software and touch screen analyzer
- Connectivity to LIS
- Full compatibility of RoboBlot™, BLOT-LINE kits and Immunoblot Software (TestLine)



Safety

- Pipetting with disposable plastic tips
- Level detection using a pressure sensor
- Bar code reader for samples

Control and evaluation

- Touch screen device control, LAN communication with LIS
- Integrated camera for scanning strips at the end of the run (200-300 dpi)
- Connection with the evaluation program Immunoblot Software (TestLine)

Capacity

- High throughput - 50 samples
- Flexibility -
- 5 different methods simultaneously

Certification

CE marked; 98/79EC (IVDD); EN 61326-1:2006; EN 61326-2-6:2006; EMC Directive 2004/108/EEC



Immunoblot kits

TestLine

Western blot and recombinant blot (BLOT-LINE) kits for infectious serology and immunology, well recognized for high quality standards and user comfort.

- High specificity & sensitivity
- Safe evaluation due to strip specific reactivity and conjugate control
- Easy-to-read bands for clear interpretation
- CE marked, EC directive 98/79/EC on in vitro diagnostics followed



Immunoblot Software

An efficient and user-friendly tool for controlling the analyzer, selection of methods and standardized evaluation of results.

Truly effective and user friendly solution for reliable guidance through every blot assay, enabling standard evaluation of blot tests and much more interpretation with elimination of subjective error and contributes to the application proper laboratory work.

- Easy controlling of RoboBlot™ via PC connectivity to LIS
- Selection of methods and tested samples
- Drying and scanning of strips directly in the incubation tray
- Elimination of subjective errors, possibility of comment
- Summary and individual result form



Technical parameters

Instrument type	Stand alone bench top
Processing capability	1 to 50 samples per run
Processing time	about 3 hours
Temperature control	PID under software control
Processing volumes	10 µL to 2.500 ml
Dispensing Mode & Accuracy	Piston Pump: ± 3% / Peristaltic pumps: +0 / -10%
Software	TestLine Immunoblot Software
Voltage & Frequency	Electrical power source at AC 100 to 240 V AC 10 A 50/60 Hz
Fuses	5A UL Approved - Ø 5 x 20 mm
Dimensions	600 (H) x 620 (D) x 780 (W) mm
Weight	65 kg
Consumption value (energy)	350 W (max)

Acoustic noise level (dB)	~ 60 dB
Electromagnetic emissions	Class A 30 MHz to 1000 MHz 10 V / m 80 MHz to 1000 MHz
Radiated field immunity	3V / M 1,4 GHz to 2 GHz 1V / m 2 GHz to 2,7 GHz
Integrated scanner	300 dpi
Operator Interface	Integrated Touch Screen, TestLine Immunoblot Software
Barcodes	Integrated Universal Barcode Reader
Strip swinging	Yes
Integrated strip drying	Yes
Sample holder	96 pcs, disposable 1 ml tips
Reagent tip holder	6 pcs, disposable 5 ml tips

MANUFACTURER:



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