

Automation for Immunoblot Assay Processing

AUTOBLOT SYSTEMS



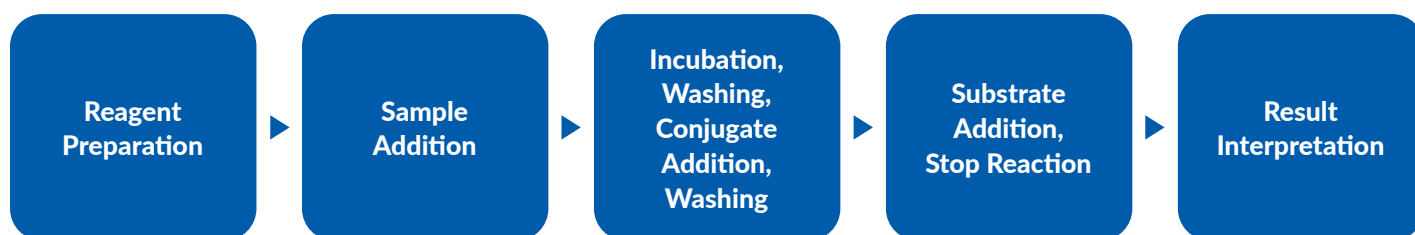
BREAKTHROUGH AUTOMATION FOR IMMUNOBLOT TESTING

MP Biomedicals has a long-standing history of offering high-quality diagnostic products, including Point-of-Care testing products, ELISAs, Real-time PCR kits and Immunoblots. The AutoBlot System and AutoScan PRO complement the MP Diagnostics range of Immunoblots by providing clinical laboratory professionals seamless immunoblot processing from assay running to result interpretation. We believe in improving medical outcomes by empowering testing efficiency.

Streamline and enhance your automation workflow with the latest models of AutoBlot System and AutoScan Pro

- ▶ Streamline your work processes
- ▶ Maximize throughput with various models and capacities
- ▶ Reduce your workload
- ▶ Ensure assay consistency, accuracy and result reproducibility

EXPERIENCE WALK-AWAY CONFIRMATORY DIAGNOSTICS



Learn more at www.mpbio.com

SEAMLESS IMMUNOBLOT PROCESSING



Step 1

Automated Assay Run



Step 2

Scan • Analyse • Interpret

Step 3

View Results • Print Report



AutoBlot System + AutoScan PRO: < 3.5 hours

Manual Workflow: > 4.5 hours

EMPOWER IMMUNOBLOT TESTING EFFICIENCY

Save time and effort

The MP Diagnostics AutoBlot System and AutoScan PRO offer clinical laboratories walk-away confirmatory test processing. With the automated addition and aspiration of buffers, conjugate and wash reagents, AutoBlot System ensures high quality and reproducible results by maintaining the correct rocking motion and incubation time.

Integrative

Easy data management feature option for compliance to a standard Laboratory Information Management System (LIMS).

Efficient

AutoBlot System and AutoScan PRO reduce work load through easy programming of assay procedure, comprehensive work-list management and reliable archiving options.

Versatile

AutoScan PRO interprets MP Diagnostics' Immunoblot assays in one single platform.

Analyzes and reports an entire batch of samples/strips in a single operation.

MP DIAGNOSTICS IMMUNOBLOT TEST MENU ▶

HIV Blot 1.2

HIV Blot 1.3

HIV Blot 2.2

HELICO Blot 2.1

HTLV Blot 2.4

HCV Blot 3.0



Learn more at www.mpbio.com

AUTOBLOT SYSTEM 36

Cat. No. 07EMC019

The AutoBlot System 36 is an intelligent Western Blot processor that enables automated washing and incubation of up to 36 assay strips per run at your pre-selected temperature. The AutoBlot System 36 helps to satisfy your Immunoblot needs by minimizing human error, increasing productivity, and delivering accurate and consistent results.



Specification	Technical Parameter
Capacity	Up to 36 strips/run
Power	AC 220 V \pm 22 V, 50 Hz \pm 1 Hz, <250 VA
Dimension	630 mm \times 500 mm \times 400 mm
Net Weight	<33.0 kg
Display	Dot matrix LCD with backlight
User-defined Protocol	Up to 38 + 2 procedures
Shaker Speed	3 options
Waste Bottle Capacity	1 x 2000 mL (airtight negative pressure)
Wash Bottle Capacity	1 x 1000 mL
Reagent Bottle Capacity	5 x 200 mL
Pump Dispensing range	250 μ L–3000 μ L, 1 μ L increment
Accuracy of Pump Dispensing	\pm 3.0% (dispensing volume 2000 μ L)
Precision of Pump Dispensing	CV \leq 5.0% (dispensing volume 2000 μ L)
Incubation time / Increment	Up to 24 hours/1-minute increment
Reagent Pump	Standard 6-channel pumps
Temperature Control of the Shaker	Accuracy \pm 1.5 $^{\circ}$ C, fluctuation \leq 0.2 $^{\circ}$ C at 37 $^{\circ}$ C; Accuracy \pm 1.5 $^{\circ}$ C, fluctuation \leq 0.25 $^{\circ}$ C at 30 $^{\circ}$ C or 25 $^{\circ}$ C

AUTOBLOT SYSTEM 48

Cat. No. 07EMC020

The AutoBlot System 48 is an intelligent Western Blot processor with an advanced design concept. The AutoBlot System 48 enables automated washing and incubation of up to 48 assay strips per run at your pre-selected temperature. The new temperature control module ensures an accurate reaction temperature and the high precision liquid separation function makes the AutoBlot System 48 highly reliable and superior. The AutoBlot System 48 helps minimize human error, increases productivity and delivers accurate and consistent results.

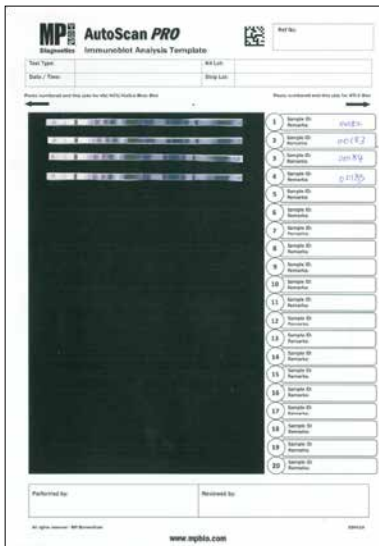


Specification	Technical Parameter
Capacity	Up to 48 strips/run
Power	AC 220 V \pm 22 V, 50 Hz \pm 1 Hz, <250 VA
Dimension	860 mm \times 420 mm \times 400 mm
Net Weight	<32.0 kg
Display	LCD touch screen
User-defined Protocol	Up to 48 + 2 items (fixed procedure)
Shaker Speed	3 options
Waste Bottle Capacity	1 x 2000 mL (airtight negative pressure)
Wash Bottle Capacity	2 x 1000 mL
Reagent Bottle Capacity	6 x 200 mL
Pump Dispensing range	0 μ L–3000 μ L
Accuracy of Pump Dispensing	\pm 3.0% (dispensing volume 2000 μ L)
Precision of Pump Dispensing	CV \leq 5.0% (dispensing volume 2000 μ L)
Incubation time / Increment	Up to 24 hours/1-minute increments
Reagent Pump	Standard 8-channel pumps
Temperature Control of the Shaker	Accuracy \pm 1.5 $^{\circ}$ C, fluctuation \leq 0.2 $^{\circ}$ C at 37 $^{\circ}$ C; Option to pre-set a temperature (maximum 45 $^{\circ}$ C)

AUTOSCAN PRO

Cat. No. 07EMC009

AutoScan PRO is a software which enables an automated analysis and interpretation of Western Blot and Line Immunoblot test results. AutoScan PRO reads the digital image of the strips generated by a validated scanner. Using the pre-programmed interpretation criteria recommended by MP Bio, AutoScan PRO evaluates the test strip results and provides an accurate interpretation to the user.



Patient Report & Optional Data Interface to LIS

Patient	Patient-ID	Sample-ID	Test	Image	Result
Karsten, Christian	9494	00182	MP Biomedicals HIV BLOT 2.2 9A 00182		HIV-1 Positive with HIV-2 indicated
Zahn, Eduardo	NCE	00183	MP Biomedicals HIV BLOT 2.2 9A 00182		HIV-1 Positive with HIV-2 indicated
Junker, Sabine	7541	00184	MP Biomedicals HIV BLOT 2.2 9A 00182		HIV-1 Positive with HIV-2 indicated
Euda, Alo	422631	00185	MP Biomedicals HIV BLOT 2.2 9A 00182		HIV-1 Positive with HIV-2 indicated



MP BIOMEDICALS

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