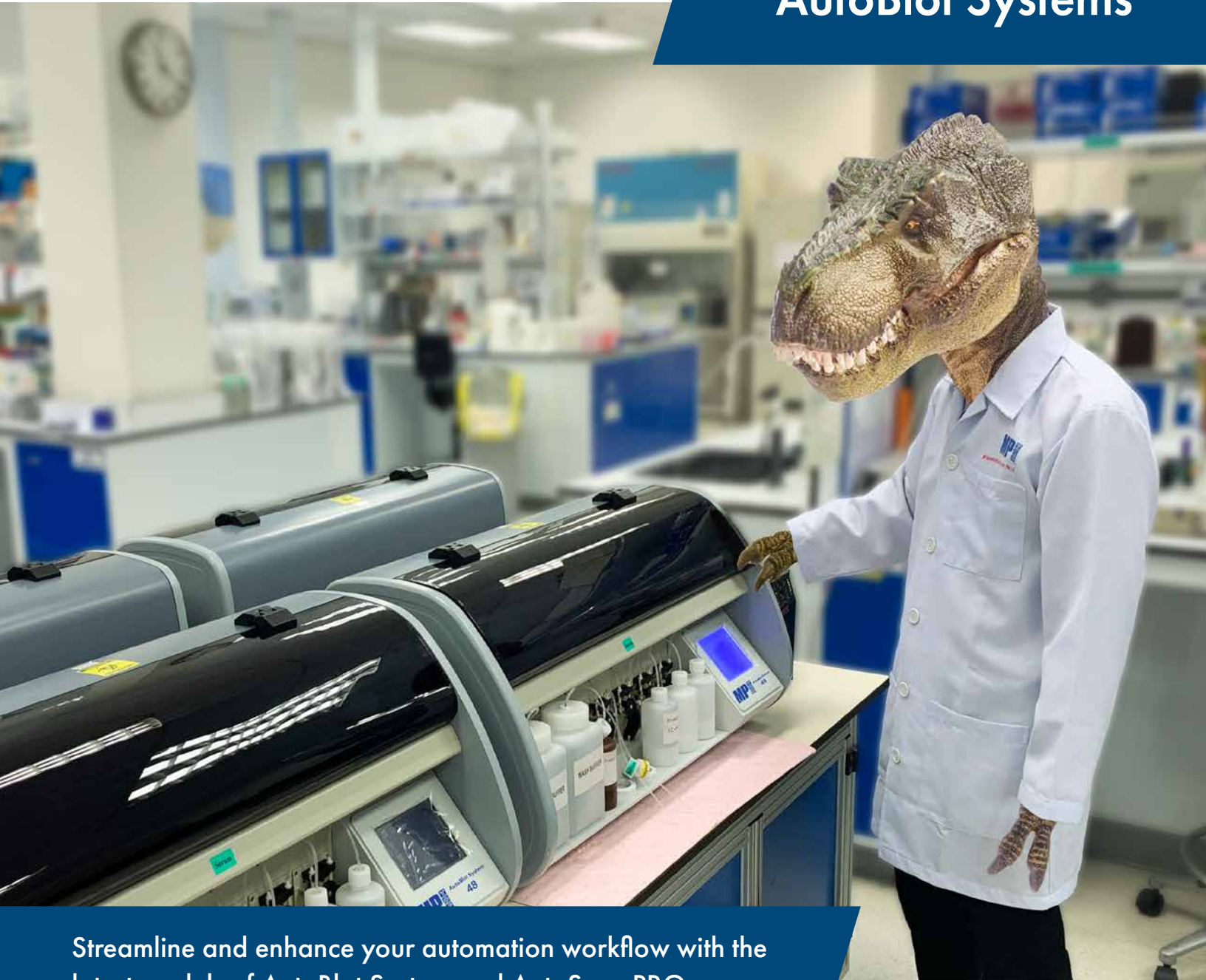


AutoBlot Systems



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

Automation for Immunoblot Assay Processing

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.

Experience Walk-away Confirmatory Diagnostics



 AutoBlot System + AutoScan PRO: < 3.5 hours

 Manual Workflow: > 4.5 hours

Seamless Immunoblot Processing



Step 1

Automated Assay Run



Step 2

Scan • Analyse • Interpret

Sample ID	Test Name	Result	Reference Range
12345	Anti-HIV-1	Positive	Negative
12346	Anti-HIV-2	Negative	Negative
12347	Anti-HBc	Positive	Negative
12348	Anti-HBs	Negative	Negative
12349	Anti-HBe	Positive	Negative
12350	Anti-HBc IgG	Positive	Negative
12351	Anti-HBc IgM	Negative	Negative
12352	Anti-HBc IgA	Negative	Negative
12353	Anti-HBc IgE	Negative	Negative
12354	Anti-HBc IgG/IgM	Positive	Negative
12355	Anti-HBc IgG/IgA	Negative	Negative
12356	Anti-HBc IgG/IgE	Negative	Negative
12357	Anti-HBc IgM/IgA	Negative	Negative
12358	Anti-HBc IgM/IgE	Negative	Negative
12359	Anti-HBc IgG/IgM/IgA	Positive	Negative
12360	Anti-HBc IgG/IgM/IgE	Negative	Negative
12361	Anti-HBc IgG/IgA/IgE	Negative	Negative
12362	Anti-HBc IgM/IgA/IgE	Negative	Negative
12363	Anti-HBc IgG/IgM/IgA/IgE	Positive	Negative

Step 3

View Results • Print Report





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.

✓ 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.

✓ Integrative

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

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

Our complete range of AutoBlot System and AutoScan PRO to complement your Immunoblot needs

AutoBlot System 20

Cat. No. 07EMC005

The AutoBlot System 20 enables automation of Western blot assays. Following the manual addition of test samples, the AutoBlot System 20 incubates, washes, and performs subsequent reagent additions as defined by the operator during the programming phase. It permits easy setup with walk-away performance, sounding an alarm when the test is complete.



Specification	Technical Parameter
Capacity	20 strips/run
Power	100–240 V, 50/60 Hz, 1.3 Amp max
Dimensions	559 mm x 457 mm x 165 mm (22 in x 18 in x 6.5 in)
Weight	13.6 kg (30 lbs)
Wash Buffer Capacity	500 mL
Aspiration Bottle Capacity	1 L
Reagent Bottle Capacity	3 x 125 mL, 1 x 250 mL
Reagent Pump	Standard: 5, Optional: 1
Dispense Volume	0.5 mL–3.0 mL in 0.1 mL increments Accuracy ± 10%
Incubation Time	Up to 24 hours for all incubation periods Increments of 1 minute
Software Update	PC download
User-defined Protocol	Up to 10



The AutoBlot 20 (07EMC005D) is approved for use with our FDA-approved HTLV Blot 2.4

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 \times 2000 mL (airtight negative pressure)
Wash Bottle Capacity	1 \times 1000 mL
Reagent Bottle Capacity	5 \times 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°C, fluctuation \leq 0.2°C at 37°C; Accuracy \pm 1.5°C, fluctuation \leq 0.25°C at 30°C or 25°C

Our complete range of AutoBlot System and AutoScan PRO to complement your Immunoblot needs

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.

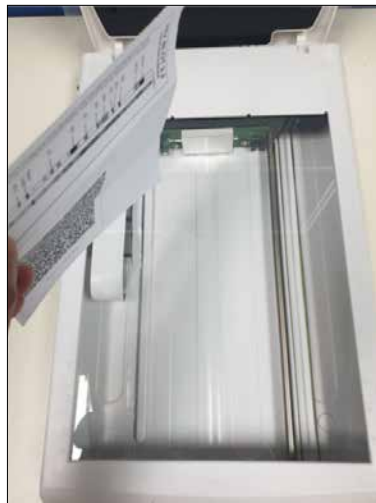
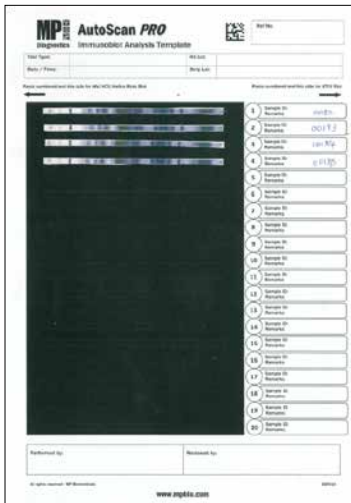


Specification	Technical Parameter
Capacity	Up to 48 strips/run
Power	AC 220 V \pm 22 V, 50 Hz \pm 1 Hz, <250 VA
Dimension	860 mm \times 420 mm \times 400 mm
Net Weight	<32.0 kg
Display	LCD touch screen
User-defined Protocol	Up to 48 + 2 items (fixed procedure)
Shaker Speed	3 options
Waste Bottle Capacity	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°C, fluctuation \leq 0.2°C at 37°C; Option to pre-set a temperature (maximum 45°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 Biomedicals, 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



One Call. One Source. A World of AutoBlot Systems.

- Apoptosis
- Cell Biology
- Culture Growth Media
- FastPrep® Sample Prep
- Immunology
- Molecular Biology
- Adsorbents
- Biochemicals
- Fine Chemicals
- Labware
- Dosimetry
- Research Diets
- SafTest™ Food Quality
- Diagnostics
- Drugs of Abuse
- Infectious Disease
- EIA/RIA

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 China: 86.4000.150.0680 | mpchina@mpbio.com
 India: 91.22.27636921/22/24 | info.india@mpbio.com
 New Zealand: 64.9.912.2460 | nzsales@mpbio.com

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