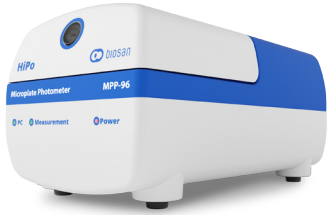
Detection and analysis



HiPo MPP-96
Specifications:

Detection mode	Absorbance
Light source	LED, self-calibrating
Photodetector	8 silicon photodiodes
Plate type	96-well microplates (including strip-well microplates)
Reading Speed	5–8 s per wavelength
Measurement modes	Endpoint, Kinetic
Measurement channels	8
Reference channel	1
Measurement range (max)	0–4.3 OD
Resolution	0.0001 OD
Wavelength range	400–700 nm
Wavelength selection	up to 8* filters on wheel standard filters 405, 450, 492 and 620 nm
Shaking	4 amplitudes, 4 speeds
Software	QuantAssay / compatible with IDEXX xChekPlus™
PC system requirements	Intel/AMD Processor, 1 GB RAM, Windows Vista/7/8/10/11, USB
Overall dimensions (W × D × H)	140 × 300 × 130 mm
Weight	4.6 kg
External power supply	Input AC 100–240 V 50/60 Hz, Output DC 12 V

Enzyme-Linked Immunosorbent Assay (ELISA) Stages

Liquid Handling
Assist Series, Pipettes

Incubation
PST-60HL or PST-60HL-4
Thermo-Shakers

Mixing
PSU-2T
Mini-Shaker

Washing (Automated)
IW-8 or 3D-IW8
Elisa plat washers

Washing (Manual)
FTA-1 with MA-8, FTA-2i
or FTA-U Aspirators

Reading and Analysis
HiPo MPP-96,
Microplate Photometer
with QuantAssay software

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biosan

ELISA Line

Inteliwasher
Plate Shaker-Thermostat
Microplate photometer

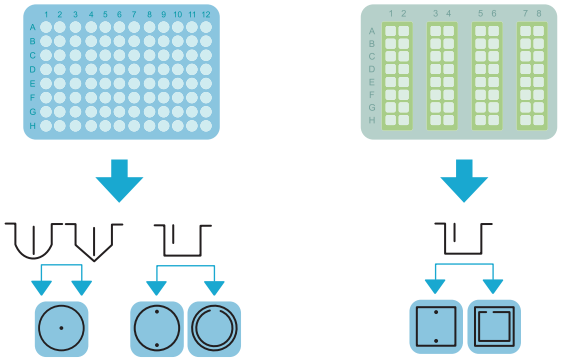
www.labortechnik.com

Washing

3D-IW8

Inteliwasher 3D-IW8 series microplate washer is designed for washing various types of standard 96-well microtitre plates, microstrips as well as microarrays on FastFRAME (rectangular well shape). It is suitable for washing wells with different bottom shapes: flat, U-shape and V-shape. The unit is fully programmable ensuring multi-step solution ripening, aspiration (aspiration, combination of aspiration/liquid dispensing and soaking, as well as soaking cycle during a particular period of time). Dispense system of liquid dosage for each channel separately.

4-channel washing solution weight logger, 4 CHW Logger provides automatic control of rinsing solution and waste volumes. The washer shows remaining volume for each bottle as percentage and gives a warning message in case of low solution volume or full waste bottle when 4 CHW Logger is connected.



Incubation

PST-60HL, PST-60HL-4 and PST-100HL

A distinctive feature of Biosan Plate Thermo–Shakers is the patented **Two-Side Microplates Heating,** which allows to achieve full correspondence of the set and actual temperature in the microplate wells.

A multisystem principle, used in design of the Thermo–Shaker, allows operating it as 3 independent devices:

- Incubator
- Microplate shaker
- Thermo–Shaker

Application fields:

- **Immunochemistry** — ELISA
- **Molecular biology** — Micro and Macro array applications

Plate Shaker–Thermostat features:

- Soft or intensive sample shaking
- Rotation speed regulation, stabilization and indication
- Even rotation amplitude throughout the Thermo-Shaker platform
- Required operation time setting and indication
- Automatic stopping of the platform movement after expiration of the set time
- Setting and indication of the required temperature on the platform
- Automatic fault diagnostics (temperature sensor, platform heating, lid heating etc.)

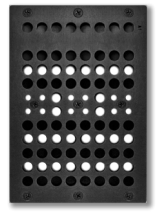
Detection and analysis

HiPo MPP-96

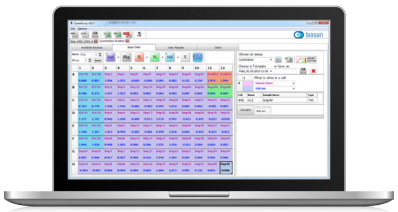
Microplate Photometer HiPo is a compact tabletop device for measuring the results of ELISA and microbiological studies in 96-well microplates. The device is supplied with specialized fully functional software QuantAssay.

Features of QuantAssay software:

- ELISA assays of any complexity can be carried out via robust assay editor with help of Assay Editor
- Quantitative assay includes up to 20 standards
- Avidity/Affinity assays
- Multiplex assays with up to 7 assays on one plate
- Qualitative assay includes up to 11 controls
- BestFit function for selecting the best calibration curve
- User friendly interface: get your results in 3 clicks
- Save, load and export results
- Creates visual reports



Verification plate



PC Software