



## Microplate Spectrophotometer with Luminometer

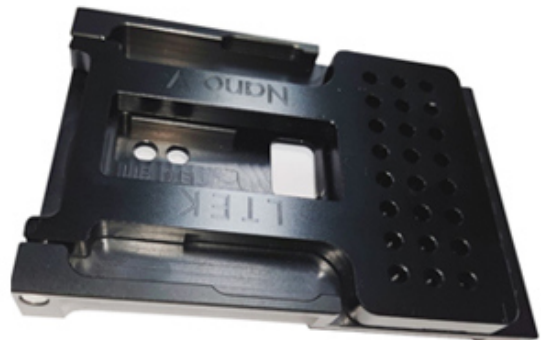
Model: MP-IN-M1



A compact and durable Microplate Spectrophotometer based on absorbance and Luminescence detection methods, It can be widely used in clinical testing and diagnosis of hospital, blood station disease control center. Fast speed , high repeatability , wide linear range and accurate result.

### Features:

- Effective monochromator-based absorbance and Luminescence
- Powerfully INNO-X software: Linear, Quadratic, Cubic, Log, Exponential, Linear logarithmic, point-to-point, 4PL
- 200 ~ 999nm for UV-VIS applications
- Wavelength scanning, endpoint, kinetics, area scan
- Photodiode and Photomultiplier detectors
- CE Marked and ROHS compliant



## Specifications:

Absorbance	
Application	Wavelength scanning, Endpoint, kinetic , spectral scanning, area scanning
Microplate types	6 ~ 384 well plates
Detector	Photodiode
Light source	Xenon flash
Wavelength range	200 ~ 999 nm (minimum 1 nm increments)
Wavelength selection	monochromator
Wavelength accuracy	± 2 nm
Dynamic range	0 ~ 4.0 OD
OD accuracy	0 ~ 2 OD ±1%
OD linearity	0 ~ 2 OD ±1%
OD repeatability	0 ~ 2 OD ±1%
Shaking	Two step speed
DNA/RNA Micro Volume plate	24well / 2 µl Sample ( Optional – INNO-V )
Software	INNO X (Windows Software)
Supported software regression	Linear, Quadratic, Cubic, Log, Exponential, Linear logarithmic, point-to-point, 4PL
Power	100 ~240 Volts AC, 50/60 Hz, 65W Adapter
Weight	7,5 kg
Dimensions	333 x 303 x 245 mm

Luminescence	
Detector	Photomultiplier (PMT)
Wavelength range	300 ~ 700 nm
Peak Wavelength	420 nm
Limit of Detection (moles)	$3 \times 10^{-21}$ moles
Software	INNO X (Windows Software)
Supported software regression	Linear, Quadratic, Cubic, Log, Exponential, Linear logarithmic, point-to-point, 4PL
Weight	8,0 kg
Dimensions	333 x 303 x 245 mm
Power	100 ~240 Volts AC 50/60 Hz

