



**World leading Biomedical
instrument manufacturer**



INNO

Microplate Spectrophotometer (Absorbance)

INNO-M

Multi-Mode reader (Absorbance + Luminescence)

Description

- 200nm to 1000nm wavelength range
- Wavelength selection monochromator
- Xenon flash lamp for a semi-permanent life time
- Multi-mode (Absorbance + Luminescence)

Certifications

- CE marked
- ISO 9001 / ISO 14001

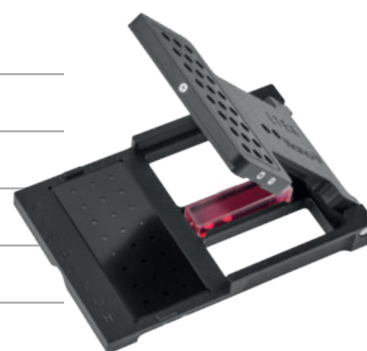
SPECIFICATION

1. INNO(Absorbance) Specification



Wavelength Accuracy	±2nm
Electrical Requirements	INPUT 100 to 240V 50/60Hz/ (65W Adaptor)
Microplate type	6 ~ 384 well plate
Detector	Photodiode
Light source	Xenon flash
Wavelength Range	200 to 999 nm
Wavelength selection	Monochromator
Application	Wavelength scanning, end point, Kinetic, Area scan
Dynamic range	0 ~ 4.0 OD
Resolution	0.0001 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 24 wells	2µL Samples / Cuvette (Option)
Weight	7.5kg
Size	333x303x245
Software	INNO-X (Microsoft Windows Software)
Supported software regression	Linear, Quadratic, Cubic, Log, Exponential, point-to-point, 4PL

2. NANO-V & NANO-VC(Optional Accessories) Specification



2µL Sample capacity	24 wells
Cuvette capacity	1 slot
Cuvette size	1.5 ml tube
Compatible model	INNO, INNO-M & INNO-S
Optical path length	0.5 mm
Detection limit	2 ng/µL dsDNA

3. INNO-M(Absorbance + Luminescence) Specification



Absorbance

Wavelength Accuracy	±2nm
Electrical Requirements	INPUT 100 to 240V 50/60Hz/ (65W Adaptor)
Microplate type	6 ~ 384 well plate
Detector	Photodiode
Light source	Xenon flash
Wavelength Range	200 to 999 nm
Wavelength selection	Monochromator
Application	Wavelength scanning, end point, Kinetic, Area scan
Dynamic range	0 ~ 4.0 OD
Resolution	0.0001 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 24 wells	2µL Samples / Cuvette (Option)

Luminescence

Detector	Photomultiplier (PMT)
Wavelength range	300 - 700nm
Peak Wavelength	420nm
Limit of Detection (moles)	3x10 ⁻²¹ moles
Software	INNO X (Windows Software)
Supported software regression	Linear, Quadratic, Cubic, Log, Exponential, point-to-point, 4PL
Weight	8kg
Size	333x303x245