

Microplate Reader IMR-8000(110V/50 Hz)



Microplate Reader IMR-8000 provides benefit of a wider range of detection with 8-channel manifolds as standard accessories for use with standard 96 wells plates. Covers the full UV wavelength 340 nm and absorbance range 0 to 4.000 Abs with bandwidth <8 nm and measured quickly, which is significantly faster than other current microplate reader methods. End Point, fixed time, Kinetic make the IMR-8000 the best platform for any clinical, biotechnology research and pharmaceutical laboratory applications. Can store more than 500 programs, up to 100,000 test records in a single unit. Maintain all important measuring parameters including ABS, Cut-Off, Single Standard, Curve, Multi-Percent, Percent Log, Linear, Exponential, Power, and 4PL Regression. A multi-mode reader has several benefits for laboratory applications ranging from ELISAs to nucleic acid and protein quantitation to cell imaging. Together with multiple microplate services and detection modes into a single, more versatile unit may be an ideal choice especially if you have limited area and performed 12 assays in a single plate

Technical Specification:

Microplate Instrument	Microplate Reader
Model	IMR-8000
Wavelength Range	UV wavelength: 340 nm
Absorbance Range	0 to 4000 Abs
Optical Path	8-channel
Resolution	0.001 Abs (display), 0.0001 Abs (calculated)
Light Source	Halogen lamp
Optical filter	340,405,450,492,630nm,(3 filters optional)
Function	End point, fixed time, Kinetic
Storage	More than 500 programs, up to 100,000 test result
Interface	RS-232
Dimensions	186x440x220 mm
Weight	9 Kg
Electrical Requirement	AC 110V/50 Hz, $\pm 10\%$
Catalogue No.	420450501

Technical Data:

Model	IMR-8000	
Wavelength	UV wavelength: 340 nm	
Absorbance Range	0 to 4000 Abs	
Test Performance	12 different	
Optical Path	8-channel	
Wavelength Accuracy	±1 nm	
Resolution	0.001 Abs (display), 0.0001 Abs (calculated)	
Light Source	Halogen lamp	
Band width	<8 nm	
Optical filter	340,405,450,492,630nm,(3 filters optional)	
Function	End point, fixed time, Kinetic	
Reading Speed	5 Seconds for 96 well plate (single wavelength)	
Shaking	Shaking time and speed adjustable	
Printer	All printers compatible with windows	
Plate Incubation	AT+4 to 45°C, adjustable	
Applications	ABS, cut-off, single standard, curve, multi-percent, percent log, linear, exponential, power, 4PL regression	
Storage	More than 500 programs, up to 100,000 test result	
Interface	RS-232	
Dimensions	186x440x220 mm	
Weight	9 Kg	
Electrical Requirement	AC 110V/50 Hz, ±10%,	240V/60 ±1Hz
Catalogue No.	420450501	420450502



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States