Microplate Reader
IMR-6000(220/60 Hz)



Microplate Reader IMR-6000especially designed for QC function with 8-channel manifolds as standard accessories for use with standard 96 wells plates. Covers the absorbance range 0 to 4.000Abs 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-6000 the best platform for any clinical, biotechnology research and pharmaceutical laboratory applications. Can stored more than 100 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 laboratories 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-6000
Absorbance Range	0 to 4.000Abs
Optical Path	8-channel
Accuracy	±0.1% or ±0.005Abs
Resolution	0.001Abs (displayed) , 0.0001Abs (calculated)
Light Source	Halogen lamp
Optical filter	405nm, 450nm, 492nm, 630nm, (4 other filters optional)
Function	QC function: Grubs, Westguard Multi-rule, Levey jennings plot (optional)
Display	LCD
Storage	More than 100 programs, up to 100,000 test results
Interface	RS-232, USB, SD card interface
Dimensions	460x330 x200 mm
Weight	9 kg
Electrical Requirement	220V/60Hz, ± 10%
Catalogue No.	420350502

Technical Data:

Model	IMR-6000	
Absorbance Range	0 to 4.000Abs	
Test Performance	12 different test in single plate	
Optical Path	8-channel	
Measurement Range	0.000-2.500Abs	
Accuracy	±0.1% or ±0.005Abs	
Resolution	0.001Abs (displayed) , 0.0001Abs (calculated)	
Light Source	Halogen lamp	
Band width	8 nm	
Optical filter	405nm, 450nm, 492nm, 630nm, (4 other filters optional)	
Wavelength Accuracy	±1nm	
Function	QC function: Grubs, Westguard Multi-rule, Levey jennings plot (optional)	
Reading Speed	5 seconds for 96-well plate (single wavelength)	
Printer	Internal thermal printer , external printer optional	
Shaking	Shaking time and speed adjustable	
Display	LCD	
Applications	ABS, %ABS, Cut-Off, Single Standard, Curve, Multi-Percent, Percent Log, Linear,Exponential, Power, 4PL Regression	
Storage	More than 100 programs, up to 100,000 test results	
Interface	RS-232, USB, SD card interface	
Dimensions	460x330 x200 mm	
Weight	9 kg	
Electrical Requirement	AC100/50 Hz, ± 10%	220V/60Hz, ± 10%
Catalogue No.	420350501	420350502



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