

Microplate Reader IMR-5000(110V/50/Hz)



Microplate Reader IMR-5000 comes with OSRAM64255 light sources ideal for applications that require accurate positioning, as in the medical and scientific application. An 8-channel manifolds as standard accessories for use with standard 96 wells plates.

Covers the absorbance range 0-3.500A and measured quickly, which is significantly faster than other current microplate reader methods. End Point, fixed time, Kinetic make the IMR-5000 the best platform for any clinical, biotechnology research and pharmaceutical laboratory applications. Can stored up to 100 program, 1000 patient information, 10000 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:

Model	IMR-5000
Absorbance Range	0-3.500A
Accuracy	0-2.0A: $\pm 1.0\%$ or $\pm 0.007A$
Resolution	0-2.0A: $\pm 0.5\%$ or $\pm 0.005A$
Light Source	OSRAM64255, 8V/20W
Optical filter	405, 450, 492, 630nm (substitute filters from 400-700nm available on special order)
Display	5.7" LCD display (320x240 discernibility, 256 gray scale)
Storage	100 program, 1000 patient information, 10000 test data
Interface	RS-232C, USB, RJ45, SD interface
Dimensions	460x330x190 mm
Weight	7.5 Kg
Electrical Requirement	AC110V/50/Hz
Catalogue No.	420300501

Technical Data:

Model	IMR-5000	
Absorbance Range	0-3.500A	
Optical Path	0-2.000A	
Accuracy	0-2.0A: $\pm 1.0\%$ or $\pm 0.007A$	
Resolution	0-2.0A: $\pm 0.5\%$ or $\pm 0.005A$	
Linearity	$\pm 2.0\%$ or $\pm 0.007A$	
Light Source	OSRAM64255, 8V/20W	
Optical filter	405, 450, 492, 630nm (substitute filters from 400-700nm available on special order)	
Display	5.7" LCD display (320x240 discernibility, 256 gray scale)	
CPU	RISC cpu	
Environment Temperature	0°C-40°C	
Humidity	785%	
Storage	100 program, 1000 patient information, 10000 test data	
Interface	RS-232C, USB, RJ45, SD interface	
Dimensions	460(x330x190 mm	
Weight	7.5 Kg	
Electrical Requirement	AC110V/50/Hz	220V/60Hz
Catalogue No.	420300501	420300502



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