

Microplate Reader IMR-3400(100/50 Hz)



Microplate Reader IMR-3400 has professional software and 3 vibrational linear plate functions for laboratory application. Standard accessories for use with standard 96, and 384 wells plates.

Covers the full wavelength range 400 to 1000 nm and measured as quickly as 6 second per well. Can stored up to 200 groups program and 10000 sample result, more than 10 types of curve fitting equation. Maintain all important measuring parameters including Endpoint method, kinetic method, inhibition rate, single or dual wavelength measurement function. The built-in multi filter wheel make detection of multiple luminescence wavelengths possible.

Technical Specification:

Model	IMR-3400
Wavelength Range	400 to 1000 nm(340 to 1100 nm)
Optical Path	8-channels
Accuracy	$\leq \pm 0.01$ Abs
Resolution	0.001 Abs
Light Source	Tungsten Halogen Lamp(22W)
Optical filter	12 filters(Default configuration 405,450,492,630 nm)
Stability	$\leq \pm 0.003$ Abs
Display	8-inch LCD
Storage	200 groups program and 10000 sample result, more than 10 types of curve fitting equation
Dimensions	444x320x318 mm
Weight	11 kg
Electrical Requirement	AC 100/50 Hz
Catalogue No.	420201001

Technical Data:

Model	IMR-3200	IMR-3400	IMR-3600	IMR-3800
Wavelength	400 to 1000 nm	400 to 1000 nm(340 to 1100 nm)		400 to 1000 nm
Optical Path	8-channels			
Light source	Tungsten Halogen Lamp(22W)			
Optical filter	10 filters(Default configuration 405,450,492,630 nm)	12 filters(Default configuration 405,450,492,630 nm)		15 filters(Default configuration 405,450,492,630 nm)
Accuracy	±0.01 Abs			
Repeatability	±0.3%			
Resolution	0.001 Abs			
Display	7-inch LCD	8-inch LCD		Rotating Display 10.4-inch LCD
Reading Range	0 to 4 Abs			0 to 6 Abs
Linear Range	0 to 3 Abs			0 to 4 Abs
Stability	-	±0.003 Abs		
Vibration Plate	-	3 types of linear plate(adjustable 0 to 4 hours)		
Analysis software	Professional software			
Storage	200 groups program and 10000 sample result, more than 10 types of curve fitting equation			
Function	Endpoint method, kinetic method, inhibition rate, single or dual wavelength measurement			
Interface	Wi-Fi			
Input Power				
Dimensions	400x260x200 mm	444x320x318 mm	444x320x190 mm	444x320x220/400 mm
Weight	6 kg	11 kg	10 kg	11 kg
Electrical Requirement	DC12V 5A	AC 100/50 Hz AC 240/60 Hz	AC 100/50 Hz AC 240/60 Hz	AC 100/50 Hz AC 240/60 Hz
Catalogue No.	4202005-04	420201001 420201002	420201501 420201502	420202001 420202002



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