Microplate Reader
IMR-3800(240/60 Hz)



Microplate Reader IMR-3800 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-3800
Wavelength Range	400 to 1000 nm
Optical Path	8-channels
Light Source	Tungsten Halogen Lamp(22W)
Optical filter	15 filters(Default configuration 405,450,492,630 nm)
Display	Rotating Display 10.4-inch LCD
Storage	200 groups program and 10000 sample result, more than 10 types of curve fitting equation
Dimensions	444x320x220/400 mm
Weight	11 kg
Electrical Requirement	AC 240/60 Hz
Catalogue No.	420202002

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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