

ELISA Microplate Readers & Washers



Microplate Reader IMR-6000 especially 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.

- Useful function are End Point, fixed time, Kinetic, single or dual wavelength measurement
- Storage capabilities More than 100 programs, up to 100,000 test data
- Build in LCD display with rotating display facilities
- The plate washer is available in a 8-channel version
- Available with multiple optical filters including of wavelength 405 nm, 450 nm, 492 nm, and 630 nm as standard accessories and 4 other optional filters
- Halogen Lamp light sources
- Professional software available for analysis
- Fully automatic instruments
- Automatic sampling test
- Automatic switch door
- Visualization of panel and panel data
- Good stability and good repeatability, assure accurate results
- Maintenance free with long lasting mode
- Thermal and external printer

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

