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ELISA Microplate Readers & Washers



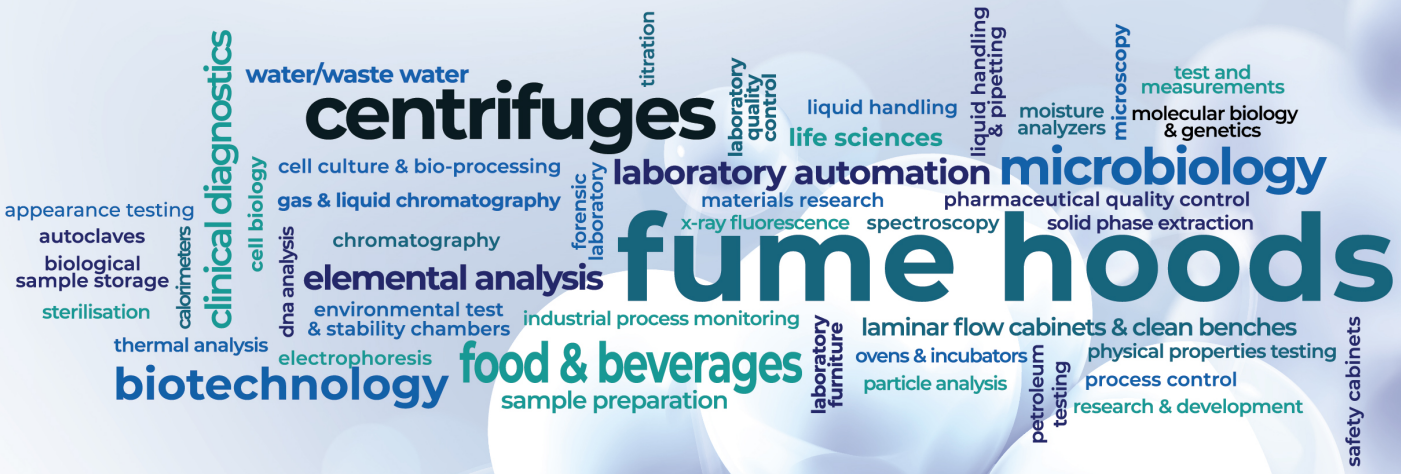
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Microplate Reader IMR-4000 is a single mode microplate readers are used for detection technology with 8-channel manifolds as standard accessories for use with standard 96 wells plates. Covers the absorbance range 0 - 4.000Abs with bandwidth <8nm and measured quickly, which is significantly faster than other current microplate reader methods. End Point, fixed time, Kinetic make the IMR-4000 the best platform for any clinical, biotechnology research and pharmaceutical laboratory applications. Can stored up to 100 programs and 100,000 test records in a single unit. Maintain all important measuring parameters including ABS, Cut-Off, Single Standard, Curve, Multi- Percent Log, Linear, Exponential, Power, 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 sample result
- Build in digital 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, 8V/20W light sources
- Professional XP 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

Model	IMR-4000	
Absorbance Range	0 - 4.000Abs	
Test Performance	12 different test in single plate	
Optical Path	8-channel	
Accuracy	±0.5% or ±0.005Abs	
Resolution	0.001Abs (displayed),0.0001Abs(calculated)	
Light Source	Halogen lamp, 8V/20W	
Band width	<8nm	
Optical filter	405, 450, 492, 630nm, (4 other filer are optional)	
Plate Types	Standard with 96-well or other kind of microplate and strip	
Function	End Point, fixed time, Kinetic	
Reading Speed	5 seconds for 96 well plate (single wavelength)	
Printer	All printers compatible with Windows	
Shaking	Shaking time and speed adjustable	
Applications	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	
Dimensions	454×295×146(mm	
Weight	7Kg	
Electrical Requirement	AC110V/50Hz	220V/60Hz
Catalogue No.	420250501	420250502

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