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ELISA Microplate Readers & Washers



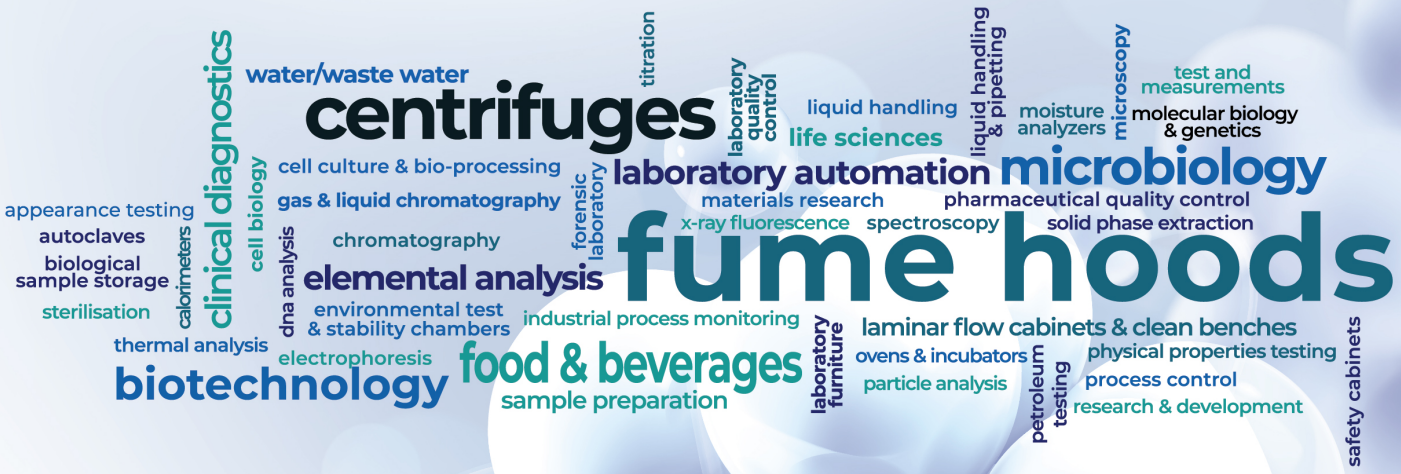
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Microplate Reader IMR-8000 provides benefit of a wider range of detection with 8-channel manifolds as standard accessories for use with standard 96 wells plates. Covers the full UV wavelength 340 nm and absorbance range 0 to 4.000Abs with bandwidth <8 nm and measured quickly, which is significantly faster than other current microplate reader methods. End Point, fixed time, Kinetic make the IMR-8000 the best platform for any clinical, biotechnology research and pharmaceutical laboratory applications. Can stored more than 500 programs, up to 100,000test 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.

- Available with UV wavelength 340 nm
- Useful function are End Point, fixed time, Kinetic, single or dual wavelength measurement
- Storage capabilities More than 500 programs, up to 100,000 test result
- 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

Model	IMR-8000	
Wavelength	UV wavelength: 340 nm	
Absorbance Range	0 to 4000 Abs	
Test Performance	12 different	
Optical Path	8-channel	
Wavelength Accuracy	±1 nm	
Resolution	0.001 Abs (display), 0.0001 Abs (calculated)	
Light Source	Halogen lamp	
Band width	<8 nm	
Optical filter	340,405,450,492,630nm,(3 filters optional)	
Function	End point, fixed time, Kinetic	
Reading Speed	5 Seconds for 96 well plate (single wavelength)	
Shaking	Shaking time and speed adjustable	
Printer	All printers compatible with windows	
Plate Incubation	AT+4 to 45°C, adjustable	
Applications	ABS, cut-off, single standard, curve, multi-percent, percent log, linear, exponential, power, 4PL regression	
Certification		
Storage	More than 500 programs, up to 100,000 test result	
Interface	RS-232	
Dimensions	186x440x220 mm	
Weight	9 Kg	
Electrical Requirement	AC 110V/50 Hz, ±10%,	240V/60 ±1Hz
Catalogue No.	420450501	420450502

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