

Microplate Workstation IPW-4000S



Microplate Workstation IPW-4000S is used as ultraviolet-visible spectrophotometer. Covers the full wavelength range 190 to 1000 nm and measured as quickly as 6 second per well, which is significantly faster than other current microplate reader methods. Designed for the widest possible range of applications including life science research work mainly used in DNA/RNA analysis; protein quantitative analysis, support UV absorption, Bradford, Lowry and other methods; end point method ELISA / EIA, with a variety of fitting curves for analysis; MTT (IC50/LD50) analysis; cell proliferation and cytotoxicity tests; protease and kinase, phospholipase, NADH, GST activity test; endotoxin LAL analysis.

Provide excellent sensitivity and wide dynamic range, so you can detect G protein coupled receptor, reporting gene and total antioxidant capacity test. The IMR-4000 can calculate quantitative, qualitative detection, absorbance mode, cut-off qualitative calculation, linear regression, exponential regression, logistic regression function mode. Suitable for kinetic ELISA or enzymatic analysis under kinetic analysis mode. The liquid handling and dispensing skill along with software with IQ/OQ/PQ and FDA 21 CFR Part 11 certification compilation; and in line with GMP or GLP supplies for pharmaceutical plant analysis control optimal washing performance and ease of use and the readers deliver all access pass for advance research.

Technical Specification:

Microplate Instrument	Microplate Reader
Model	IPW-4000S
Wavelength Range	190 to 1000 nm
Accuracy	±1.0 nm
Resolution	display: 0.001Abs, internal calculation: 0.000001Abs
Function	Microplate Reader, Washer & Micro spectrophotometer detection
Catalogue No.	4205015-04

Technical Data:

Model	IPW-4200	IPW-4400	IPW-4000S
Functions	Microplate Reader	Microplate Reader & Washer	Microplate Reader, Washer & Micro spectrophotometer detection
Wavelength Range	190 to 1000 nm		
Accuracy	±1.0 nm		
Repeatability	<0.2 nm		
Measurement Range	0 to 15.0 OD		
Resolution	display: 0.001Abs, internal calculation: 0.000001Abs		
Incubation Temperature	RT+ 2 ° C to 65 ° C		
Plate Types	standard 96-well microtiter plate (the rest can be extended custom)		
Features	Detect single, dual, full wavelength, incubation heating		
Mode	visual free layout mode		
Applications	quantitative or qualitative detection, a variety of calculation methods: absorbance mode, Cut-off qualitative calculation, linear regression, exponential regression, logistic regression		
Other Features		Includes Self-washing function, (No additional Microplate Washer required)	Includes Self-washing and Micro spectrophotometer detection function
Electrical Requirement			
Catalogue No.	4205005-04	4205010-04	4205015-04



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