

SPECTROPHOTOMETER



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ANALYTICAL EXCELLENCE...

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Micro-Volume UV/VIS Spectrophotometer MA-CW1000 / MA-CW2000

FEATURES:

- Used for quantitative and qualitative research of nucleic acid, protein- and bacterial concentration
- Microscale sample test, minimum 0.5µl
- PC control, more accurate and flexible
- Ultra-micro and cuvette dual platform (only MA-CW2000)
- Wide test area
- Test directly without warming up, do not need detection container



MA-CW1000



MA-CW2000

MODEL SPECIFICATIONS:

Model	MA-CW1000	MA-CW2000
Minimum Sample Capacity	0.5 μ l	
Ultra-Micro Optical Distance	1mm/0.2mm	1mm/0.2mm/0.05mm
Cuvette Optical Distance	/	10mm/5mm/2mm/1mm
Whole Wavelength	190~1100nm	
Scanning Wavelength	190~850nm	
Wavelength Accuracy	1nm	
Wavelength Resolution	\leq 0.3nm (FWHM @ Hg 253.7nm)	
Absorbance Accuracy	2% (0.76 @ 257nm)	
Absorbance Resolution	0.002Abs (1mm)	
Absorbance Range	0.02~300 (10mm)	0.005~300 (10mm)
Test Accuracy	0.1~5Abs, \pm 0.1Abs 5~80Abs, \pm 2%	0.01~0.5Abs, \pm 0.01Abs 0.5~80Abs \pm 2%
Test Time	5s	
Detector	3648-pixel linear CCD array	
Light Source	Xenon flash lamp	
Sample Test Platform Material	304 Stainless steel and quartz	
Standard Accessories	Driver software CD 1 pc; Power line 1 pc; Power adapter 1pc	
Consumption	24W	
Power Supply	AC110V/220 \pm 10%, 60/50Hz	
External Size (W*D*H*) mm	200*130*136	
Package Size (W*D*H*) mm	310*310*310	
Net Weight (kg)	2.5	
Gross Weight (kg)	5	