

SPECTROPHOTOMETER



+27 60 999 9140

info@microanalytica.co.za

489 Jacqueline Drive, Garsfontein
Pretoria, Gauteng, 0081

ANALYTICAL EXCELLENCE...

www.microanalytica.co.za

Micro-Volume UV/VIS Spectrophotometer MA-CW500

FEATURES:

- LCD display
- Microscale sample test, minimum 0.2 μ l
- Unique design sample holder, could test small amounts DNA and protein
- Ultra-micro and cuvette dual platform
- Single channel whole spectrum scanning



MODEL SPECIFICATIONS:

Model	MA-CW500
Minimum Sample Capacity	0.2 μ l
Ultra-Micro Optical Distance	0.5mm
Detectable Concentration Range	2.5~7500ng/ μ l (dsDNA)
Min. Precise Detect Concentration	10ng/ μ l (dsDNA)
Max. Precise Detect Concentration	5000ng/ μ l (dsDNA)
DNA Reproducibility	< \pm 1.0% (dsDNA, @ 1000ng/ μ l)
Wavelength Range	190~1100nm
Spectral Bandwidth	4nm
Optical System	Grating double beam
Wavelength Accuracy	\pm 0.5nm
Wavelength Repeatability	0.3nm
Max. Scanning Speed	4000nm/min
Photometric Accuracy	\pm 0.5%T or \pm 0.004A @1A
Photometric Range	0~200%T, -0.3~0.3A, 0~999 Conc
Stray Light	0.05%T @ 220, 340nm
Stability	\pm 0.001A/h @ 500nm
Baseline Flatness	\pm 0.002A
Light Source	Halogen- and Deuterium lamps
Output	USB print and data output, Connect PC
Power Supply	110V/220 \pm 10%, 60/50Hz
Package Size (W*D*H*) mm	480*600*360
Gross Weight (kg)	11