



M509T

TOUCH SCREEN SCANNING UV-VIS SPECTROPHOTOMETER

MAIN FEATURES:

- Local control via Touch screen
- Basic modes Abs, %T and conc
- Quantitative
- Wavelength scanning
- Kinetics for time coursing and reaction rates
- DNA/Protein Concentration & DNA purity are calculated
- 4 x 10mm cell changer included
- 4 x 10mm Glass cells included
- 2 x 10mm Quartz cells included



PC Control

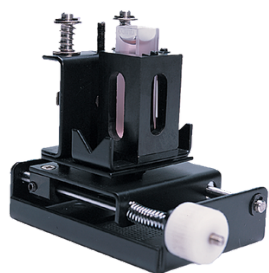
The M509T has a USB output for the transfer of results to a PC or for PC control of the M509T.

Comprehensive Camspec Application Software is available.



www.spectronic-camspec.co.uk

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MICRO CELL HOLDER

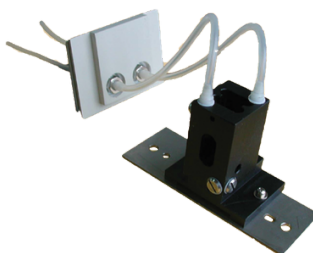
**A selection of the many Cell
Compartment
Accessories available**



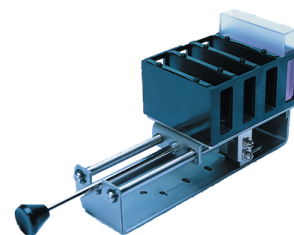
PELTIER/SIPPER



TEST TUBE



THERMOSTATTED
SINGLE CELL



0-50mm 4 X CELL
MANUAL

Technical Specifications

Display

Light sources

Monochromator

Detectors

Wavelength Range

Wavelength Accuracy

Wavelength Repeatability

Noise

Zero Drift

Bandpass

Stray Light

Photometric Accuracy

Photometric Range

Printer Interface

Computer Interface

Power Requirements

Dimensions

Weight

Touch screen

Tungsten-Halogen and Deuterium

1200 lines/mm grating

Silicon Photodiode

190- 1000nm

$\pm 0.8\text{nm}$

$< 0.1\text{nm}$

$< 0.001\text{A @ } 500\text{nm } 0\text{A}$

$< 0.003\text{A per hour after warm-up}$

2 nm

$< 0.1\%T @ 220\text{nm and } 340 \text{ nm}$

0.5%

-0.3to 3.0A, 0-200%T and -9999C and +9999C

Bluetooth (optional)

USB for PC control

110/120V, 220/230V, 50/60 Hz, 135VA

510 x 420 x 210 packed 645 x 535 x 370

14Kg packed 17Kg

