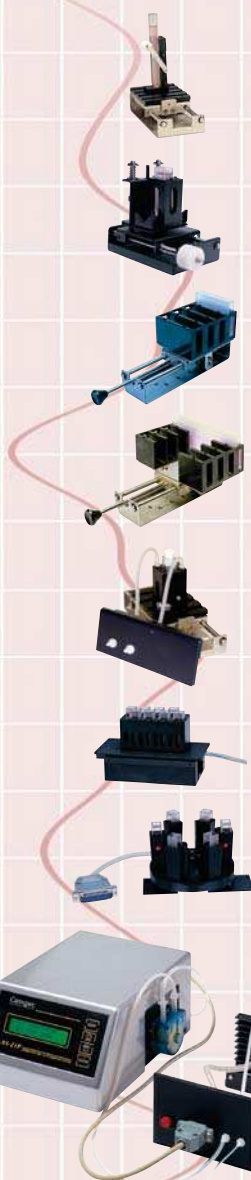




Camspec Range of UV/Visible Spectrophotometers

M500 Series of UV/Visible Spectrophotometers



M501 Single Beam Scanning UV/Visible Spectrophotometer

1/4 VGA LCD Display. 4nm Bandpass (2nm Option). 190-1100nm. Stray Light 0.1%T @ 220nm and 340nm. Tungsten-Halogen and Deuterium Lamps. Photometric Accuracy $\pm 1\%A$, 0 – 2.5A. Concentration Curves. Wavelength Scanning. Kinetics/Time Drive. DNA/Protein. Multi-Wavelength. Self Check and Wavelength Calibration. 50 Methods/Results Storage. Bi-directional RS232 + Parallel A4 Printer Output. 4-Cell Manual Changer Supplied as standard. 4 glass cells + 2 UV 10mm cells included. Sample compartment takes up to 100mm pathlength cells

More Performance and Features than you need at a Price less than you expect

M550 Double Beam Scanning UV/Visible Spectrophotometer

High performance, true double beam, parallel sample and reference beams. Built-in software functions as in the M501. 1/4 VGA LCD Display. 1.8nm Bandpass. 190-1100nm. Stray Light < 0.05%T @ 220nm and 340nm. Tungsten-Halogen and Deuterium Lamps. Photometric Accuracy $\pm 0.005A$ @ 1A. 2 precision 10mm single cell holders supplied as standard. 4 glass cells + 2 UV 10mm cells included.

European Pharmacopoeia 5.2 compliant

M500 Series Accessories

Test-tube V-type holder (100mm or 120mm)

Adjustable micro-cell holder

4-cell holder for 5-50mm cells

4-cell holder for 100mm cells

Thermostatted single cell holder (requires water bath)

100mm cylindrical cell holder

Automatic 8-position linear cell changer (M501)

Thermostatted auto 8-cell changer (M501) (requires water bath)

Automatic 6-position carousel cell changer (M550)

Sipper, processor controlled (requires flowcell)

Peltier system for 10mm cells, 15-40C

Peltier/Sipper system combined

Cell Stirrer for 10mm cells

Specular reflectance accessory (5° incident angle)

Integrating sphere for diffuse transmittance and reflectance (M550)

Calibration standards for wavelength, absorbance, stray light

Test-tubes, cuvettes, flowcells, disposable cells

PC Application Software package

Camspec Panorama Software, 21 CFR 11 compliant (M550)

Pharmacopoeia compliance certificated test set (UKAS accredited)

MI00 Series of Visible Spectrophotometers



MI05 Student Visible Spectrophotometer

Microprocessor. %T and 0-2A Calculation. Manual Wavelength Setting. Automatic Stray Light Filter Selection. 335-1000nm. 12nm Bandpass. 1200 lines/mm Grating Monochromator. Stray Light 0.3%T @ 340nm. Tungsten-Halogen Lamp. Photodiode Detector. Recorder Output. Accepts Standard and Semi-Micro Cuvettes and Test-Tubes. 12 test-tubes included

Robust, Simple, Accurate, Stable



MI06 Student/QC Visible Spectrophotometer

As MI05 + Concentration and Factor. 8nm Bandpass. Photometric Accuracy $\pm 1\%$ A, 0-2A RS232 Output for PC or Printer. 12 Test-Tubes included.

Accessories for MI05 and MI06

Holders for 20mm, 25mm diameter test-tubes and COD sample vials. Test-tubes, cuvettes and disposable cells. Printer. PC Application Software.



NEW LOOK MI07 High Specification Visible Spectrophotometer

As MI06 + Large Sample Compartment and Selection of Accessories
Single cell holder + test-tube holder + 12 test-tubes (system 1) or 4-cell manual changer (System 2). 5nm Bandpass. 325-1000nm. Stray Light 0.1%T @ 340nm. 2 glass cells included. Sample compartment takes up to 50mm Pathlength cells.

Accessories for MI07

4-cell holder for 5-50mm cells. Thermostatted 10mm cell holder (requires water bath). Funnel cell with water pump. Test-tubes, cuvettes and disposable cells. Printer. PC Application Software.

M400 Fibre-Optic Diode-Array Spectrophotometer



M400PC Spectrophotometer

With Dip Probe for measuring samples in-situ or with Cell Holder for measuring cuvettes in glove-boxes or fume-cupboards.

No moving parts. 16 Bit ADC. 220-820nm in less than 1 sec. 2nm Bandpass.

Stray Light <1%T 230-820nm. 0-2.5A. High Energy Tungsten-Halogen and Deuterium Lamps. Analysis using powerful Panorama Windows Software or customised software for your application.

Accessories for M400

Dip Probes of different pathlengths and different materials

ATR Probe for extra high concentration solutions. Long Pass Flowcell (1m) for extra low concentration solutions.

Diffuse Reflectance Probe for colour measurement.

Camspec Special Systems

Textile SPF (Sun Protection Factor) Measurement
NATO Colours Testing System for paint or fabrics (350-1200nm)
CSF Bilirubin/Porphyrin Measurement
Customised PC Software as required



Camspec is an ISO 9001:2000 company.
All instruments fully comply with CE requirements
for safety and ESD/EMC emission and susceptibility

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