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SINGLE BEAM

VIS SPECTROPHOTOMETER SCANNING BASED

TECHNICAL SPECIFICATION

WAVELENGTH RANGE	: 320-1100 nm
SPECTRAL BANDWIDTH	: 2 nm
OPTICAL SYSTEM	: Single Beam,grating 1200 lines/mm
WAVELENGTH ACCURACY	: ± 0.5 nm
WAVELENGTH REPEATABILITY	: 0.3 nm
WAVELENGTH RESOLUTION	: 0.1 nm
PHOTOMETRIC ACCURACY	: $\pm 0.3\%T$ or $0.003A@ 1A$
PHOTOMETRIC RANGE	: -0.3 to 3A,0-200% T, 0-9999 Conc.
PHOTOMETRIC REPEATABILITY	: $\pm 0.2\%T$
STRAY LIGHT	: $<0.3\%T$
STABILITY	: $\pm 0.002A/h@500nm$
DISPLAY	: 128 x 64 Dots Large Graphical LCD
PHOTOMETRIC MODE	: % Transmission,Absorbance and Concentration,Scanning etc.
KEYBOARD	: Soft Touch Membrane keys
SAMPLE COMPARTMENT	: Standard 4-position 10 mm path-length cuvette holder. (Accommodates upto 100mm path-length,cuvette with optional holder)
LIGHT SOURCE	: Tungsten Lamps
OUTPUT	: USB for PC connectivity and parallel port for Dot Matrix Printer
PC SOFTWARE	: Basics PC Software provided for kinetic analysiswithprofessional PC for additional wavelength scan and DNA/Protein Test.
POWER	: 230V+10% AC,50 Hz

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