CETI 320 - 1000nm Single Beam Visible Spectrophotometer (MD-2100)

Product Code: MD-2100

Brand: CETI

Complete with microprocessor control and a 2 line 20 character LCD display, CETI's 320 - 1000nm Single Beam Visible Spectrophotometer (MD-2100) is ideal for carrying out tests performed in environmental protection, water, biochemistry, clinical, food & beverage, and industrial laboratories.

RS232 analogue output and optional software available.

Specifications:

Basic Testing Mode	**Basic Measurement**	Photometric measurement (A/T), concentration measurement (C)
	Concentration Measurement	Slope method (C = K x A), standard curve method
	Software Functions	Win-spec workstation, SP-1.33EN. Photometric analysis: T, A, and C
Main Specifications	**Grating System (l/mm)**	1200
	Mode	Transmittance, absorbance, concentration
	Display	3.5 LCD
	Light Source	6V/10W Halogen lamp (2000h)
	Sample Compartment (l x w)	100 x 50mm optical path
	Standard Cell Configuration	10mm glass cell (4pcs)
	Power Requirements	110/220V AC, 50/60Hz, ± 10%
	Dimensions (l x h x w)	415 x 315 x 155mm
	Net Weight (kg)	10
Photometric Performance	**Photometric Range**	0 - 125%T, 0-1.999A, 0-1.999C, 0-1.999F
	Photometric Accuracy	± 1.0%T
	Photometric Repeatability	0.5%T
	Stability	0.002A/hr. at 500mm after warming up for one hour
Optical Performance	**Type**	Single Beam
	Optical System	Littrow type optic system with 1200 grooves/mm diffraction grating monochromatic
	Spectrum Bandwidth (nm)	4
	Wavelength Range (nm)	320-1000
	Wavelength Accuracy (nm)	± 1
	Wavelength Repeatability (nm)	≤ 0.5
	Stray Light	≤ 0.3%T at 360mm
Standard Configuration		Power cable, user manual operation manual
Accessories for Choice		Automatic multi-cells holder, Electronic constant temperature cells holder, Water cycling constant temperature cells holder, 5 - 100mm light path manual multi-cells holder, Micro cell holder with 1 - 4mm silt single cell, 100 - 200µl ultra-micro cell holder

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