

DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER

DESCRIPTION

- Designed to conserve bench space, our product offers the measurement range of 190-1100nm at bandwidth of 1.8nm and 2nm.
- Engineered for a wide range of applications, our systems provide dependable performance and reliable results.
- It produces the photometric range of -0.3 to 3 A; 0-200 %T and photometric accuracy of $\pm 0.2\%T$ which makes it suitable for various quantitative assays.
- Used in Most suitable for quantitative determination assays and toxicological assays in environmental, industrial, pharmaceutical fields..



TOP FEATURES

- Wavelength range: 190-1100nm
- Spectral Bandwidth: 1.8nm and 2nm
- Detector: Silicon Photodiode
- Stray Light: Stray light is achieved at $\leq 0.03\%T$
- Light source: Deuterium and tungsten halogen lamp
- LCD display
- Automatic wavelength setting
- Double beam optical system having suspended posture
- Sample size: A wide range of standard cuvettes to be use based on the sensitivity or sample volume requirements.
- Equipped with scanning software High, medium and low scanning speed



LCD CONTROLLER

Application :

Industrial Use, Laboratory Use



Requirements Specification



Model	BS-DBU- 90010	BS-DBU- 90010-A
Wavelength Range	190-1100 nm	
Wavelength Accuracy	Less than ± 0.1 nm(656.1nmD2), Less than ± 0.3 nm(full wavelength range)	
Wavelength Reproducibility	$\leq 0.1\%T$	
Wavelength Repeatability	0.1 nm	
Spectral Bandwidth	1 nm	1.8 nm
Photometric Range	0-200%T, -0.3--3A, 0-9999C	
Photometric Accuracy	$\pm 0.3\%T$	
Photometric Repeatability	$\leq 0.15\%T$	
Stability	± 0.0004 A/h(500nm)	
Baseline Flatness	$\pm 0.001A$	
Stray Light	$\leq 0.03\%T$	
Light Source	Deuterium & Tungsten Halogen Lamp	
Detector	Silicon Photodiode	
Software	PC Software	
Gross Dimension (W/D/H)	625x430x210 mm	
Display	LCD	
Noise	$\pm 0.0005A$	
Weight (Net/Gross)	28 kg	
Power	300 W	
Power Supply	220V 50Hz/110V60Hz	

Other detail:

Our product range is extensively used in different industries.

To attain the maximum satisfaction of clients, we provide this UV VIS Double Beam Spectrophotometer at most reasonable price.

DELEAR DETAILS-;

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