



IN SUPPORT OF INNOVATIVE RESEARCH



SPECTROPHOTOMETER SINGLE BEAM- HB 295



DESCRIPTIONS »

Advanced Microprocessor UV VIS Spectrophotometer Single Beam -HB-295.

The UVVIS -295 Series provide excellent application functions without sacrificing accuracy and precision. It is an ideal instrument for various applications.

SALIENT FEATURES »

- Large LCD screen (128x64 Dots).
- Can display and save 50 groups of data, 5 groups per screen.
- Data can be restored after a sudden power cut.
- Auto setting wave length.
- Tungsten lamp & deuterium lamp can be turned on/off individually to extend lifetime.
- Automatically WL. calibration and dark current getting.



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Technical Specifications :-

Optical System	Single beam, Grating 1200 lines/mm
Wavelength Range	190-1000nm
Bandwidth	2nm
Wavelength Accuracy	$\pm 1\text{nm}$
Wavelength Repeatability	0.5nm
Wavelength Setting	Auto
Photometric Accuracy	$\pm 0.5\%T$
Photometric Repeatability	0.3%T
Photometric Range	-0.3-3A, 0-200%T
Stray Light	$\leq 0.3\%T$
Stability	$\pm 0.002\text{Nh @ } 500\text{nm}$
Display	128*64 Dots LCD
Detector	Silicon Photodiode
Standard Cell Holder	4-position 10mm cell changer
Light Source	Tungsten & Deuterium lamp
Output	USB Port & Parallel Port(Printer)
Power Requirements	AC 85-250V
Dimension	420*280*1 BO mm
Weight	12kg



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