



IN SUPPORT OF INNOVATIVE RESEARCH



SPECTROPHOTOMETER DOUBLE BEAM-HB 2700



DESCRIPTIONS »»

UV-VIS Double Beam Spectrophotometer Double Beam -HB-2700.

APPLICATIONS »»

- Medicine/Pharmaceutical Industry
- Environmental Monitoring
- Commodity Inspection
- Food Inspection
- Agricultural Chemistry
- Teaching in Colleges & Universities
- Metallurgy
- Geology
- Machine Manufacturing
- Petrochemical Industries
- Water & Waste Water Labs
- Food & Beverage Labs



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SPECTROPHOTOMETER DOUBLE BEAM-HB 2700



Technical Specifications :-

Wavelength Range	190-1100 nm
Optical System	Double Beam, Grating 1200 lines/mm
Spectral Bandwidth	1 nm
Wavelength Accuracy	$\leq \pm 0.1\text{nm}$ (656.1nmD2), $\leq \pm 0.3\text{nm}$ (full wavelength Range)
Wavelength Repeatability	$\pm 0.1\text{ nm}$
Photometric Accuracy	$\pm 0.3\%T$ (0~100%T)
Photometric Range	-3A~3A
Photometric Repeatability	0.001Abs(0~0.5Abs)
Stability	$\pm 0.0004\text{ A/H}$ at 500nm
Baseline Flatness	$\pm 0.001A$
Noise	0.0003 A/H
Dimensions	590 x 460 x 220 mm
Weight	25 kg
Photometric Mode	0.1nm
Wavelength Setting	Auto
Stray Light	$\leq 0.02\%T$ (220nm, an l, 340nm NaM02)
Scanning speed:	Fast, Mid, Slow
Standard Cell Holder	4-position 10mm cell changer
Light Source	Tungsten & Deuterium lamp
Photometric Mode	A, T, C
Detector	Silicon Photodiode
Power Requirements	AC 220V/50Hz or AC 110V/60Hz
Interface	USB Port & Parallel Port(Printer)
Drift	$\leq \pm 0.0004\text{Abs/h}$



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