



RDBL2700 DOUBLE BEAM SPECTROPHOTOMETER



Descriptions:

UV-VIS Double Beam Spectrophotometer Double Beam RDBL2700

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

Technical Specifications;

Optical System	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1000nm
Spectral Bandwidth	1nm
Wavelength Accuracy	$\leq \pm 0.1\text{nm}$ (656.1nmD2), $\leq \pm 0.3\text{nm}$ (full Wavelength)
Wavelength Repeatability	0.1nm
Wavelength Setting	Auto
Photometric Accuracy	$\pm 0.3\%T$ (0-100%T)
Photometric Repeatability	0.001Abs (0-0.5Abs)
Photometric Range	-3A-3A
Stray Light	$\leq 0.02\%T$ (220nm, an l, 340nm NaM02)
Stability	± 0.0004 AIH@500nm
Baseline Flatness	$\pm 0.001A$
Noise	0.0003 A/H
Scanning speed:	Fast, Mid, Slow
Keyboard	Membrane kayoed
Wavelength Resolution	0.1nm
Photometric Mode	A, T, C
Detector	Silicon Photodiode
Standard Cell Holder	4-position 10mm cell changer
Light Source	Tungsten & Deuterium lamp
Interface	USB Port & Parallel Port(Printer)
Power Requirements	AC 220V/50Hz or AC 110V/60Hz
Dimension	590 x 460 x 220 mm
Weight	25ka
Drift	$\leq \pm 0.0004\text{Abs/h}$