



# Apex Industrial Electronics

*symbol of quality*

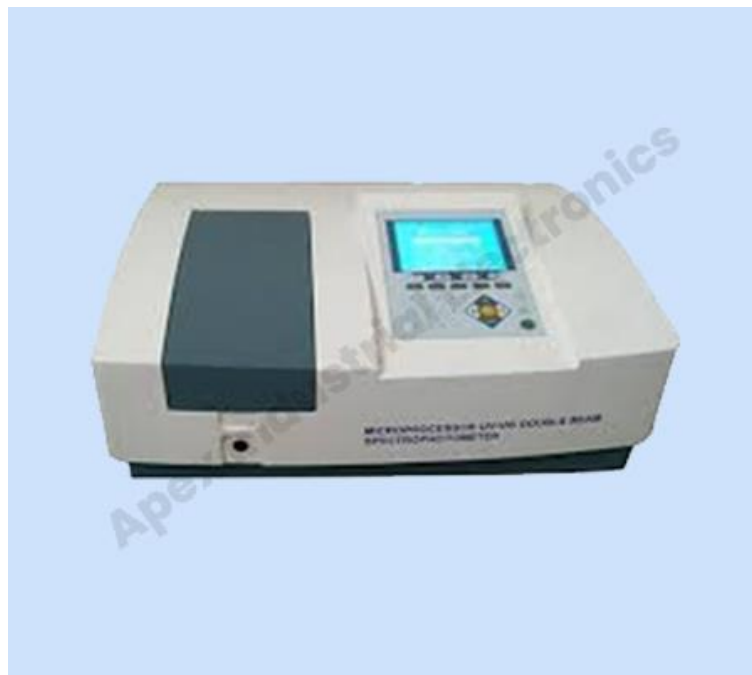


An ISO 9001:2015, ISO 13485: 2016

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## Advance Double Beam Uv-Vis Spectrophotometer Variable Bandwidth



UV VIS Spectrophotometer Variable Bandwidth based instrument designed for quick and accurate spectrophotometric analysis of any concentration. It operates at a wavelength range of 190 nm to 1100 nm. The use of diffraction grating in the monochromatic produces a linear spectrum. The grating having very high resolution of 1200 lines/mm ensures a narrow bandwidth. The instrument output is available in terms of % transmission (%t), absorbance (abs. ), & concentration (conc. ). The instrument is suitable for clinical lab applications, pharmaceutical and biochemical, as well as routing applications such as quantitative analysis, kinetics, wavelength scan, multi-wavelength and DNA/protein analysis. The instrument has sample storage memory and printer output port for printing of data with any dot matrix printer. The pc can be connected using the USB interface. Provision for 8 position auto cell changer with 10 mm path-length cuvette is provided. This product is also known as Spectroscopic Equipment.

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Optical System	Double Beam (1200 Lines/mm Grating)
Wavelength Range	190-1100 nm
Mode	Basic/ Quantitative/Wavelength Scan/DNA Protein Test/Kinetics/Multi Wavelength
Scanning Speed	Fast/Medium/Low
Spectral Bandwidth	0.5/1.0/2.0/4.0/5.0 nm
Wavelength Accuracy	$\leq \pm 0.3$ nm
Wavelength Repeatability	0.2 nm
Photometric Accuracy	$\pm 0.3\%$ T
Photometric Repeatability	$\pm 0.2\%$ T
Light Source	Deuterium & Tungsten Halogen Lamp
Display	Graphic LCD (320X240 Dots)
Detector	Silicon Photodiode
Cell Holder	2 Cell Holder
Weight	26 G (Approx.)

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