



Uv-Vis Double Spectrophotometer (Bandwidth -1 nm)-2203-Touch Screen



COMPLIANCE WITH PHARMACOPEIA

- λ Range 190 - 1100 nm
- Online Measurements
- GMP & GLP Compliance
- Holographic Concave Grating

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Specification

Parameter	Description
Type	Uv-vis Double beam spectrophotometer
Source	Deuterium lamp and tungsten halogen lamp
Detector	Two Photodiode---- one for reference and other for sample/standard
Grating	Holographic Grating based monochromatic -1200mm lines/mm
Automatic function	<ul style="list-style-type: none"> a) Automatic lamp section b) Automatic wavelength selection , filter selection c) Automatic baseline correction d) Automatic dark correction e) Automatic Stray light correction
Range of operation	<ul style="list-style-type: none"> ➤ Wavelength 190 nm to 1100nm ➤ Photometric Absorbance ± 4 Abs ➤ Transmittance 0 to 100 %T
Bandwidth	1 nm
Resolution	0.1 nm , 0.001 Abs & 0.1 %T
Scanning speed	Slew Rate 6000nm/Min
Focal length	Above 300 mm
Measurement mode	Transmittance , Absorbance , concentration(STD & k-factor) , Time scan
Path length	Default 10 mm path length, compactible for 20 mm, 40 mm, 50 mm & 100 mm
Accuracy	<ul style="list-style-type: none"> ➤ Wavelength ± 0.5 nm ➤ Absorbance ± 0.005 Abs ➤ Transmittance $\pm 0.5\%T$
Display	<ul style="list-style-type: none"> ➤ In-built display ➤ LCD Touchscreen ➤ Size- 7 Inch ➤ Operation touch screen and keyboard
Other parameters	<ul style="list-style-type: none"> ➤ Total Memory 100 GB , inbuilt 64 GB + 32 GB Expandable ➤ Printer External All type printer support ➤ PC connectivity YES , through USB ➤ Connectivity Wi-Fi, USB, & MMC
Operating system	➤ Window 10 pro support , touch screen and keyboard
Power supply	➤ 230 V \pm 10 volt and 50Hz
Operating temperature	➤ 8 – 48 degree Celsius
Operating humidity	➤ 80 to 95 %
Accessories	➤ 10 number cuvette , pen drive , USB cable , Manuals

*Technical Specifications, Appearance & model number are subject to change without prior notice in keeping up with the state of art.