


UV-VIS SPECTROPHOTOMETER

Description	Image																																				
<p>UV-Vis Spectrophotometer (Double Beam)</p> <p>Model: UV-620 , Moistech, Australia</p> <p>UV-620 scanning UV-Vis spectrophotometer is a double beam stand-alone model with fixed band-width of 1.8nm, providing excellent performance for measurements in the range of 190nm to 1100nm. It has a large graphic LCD screen for menu and spectrum display. The large sample compartment accommodates a wide range of cell holders and accessories including sipper and peltier system. Optional Advanced Windows software can fully control the instrument and makes it very versatile.</p> <p>Specifications</p> <table border="1"> <tr> <td>Wavelength Range</td><td>190 - 1100nm</td></tr> <tr> <td>Bandwidth</td><td>1.8nm</td></tr> <tr> <td>Optical System</td><td>Double beam (single monochromator) grating: 1200 lines/mm</td></tr> <tr> <td>Scanning Speed</td><td>Hi, Med, Low (Max 3000nm/min)</td></tr> <tr> <td>Wavelength Accuracy</td><td>± 0.3nm</td></tr> <tr> <td>Wavelength Repeatability</td><td>0.2nm</td></tr> <tr> <td>Photometric Range</td><td>0 - 200%T, -0.3 - 3.0A, 0 - 9999Conc</td></tr> <tr> <td>Photometric Accuracy</td><td>± 0.3%T or ± 0.002A@1A</td></tr> <tr> <td>Stray Light</td><td>0.05%T @220nm and 360nm</td></tr> <tr> <td>Stability</td><td>± 0.001A/h @500nm</td></tr> <tr> <td>Display</td><td>5" graphic LCD (320 x 240 dots)</td></tr> <tr> <td>Baseline Flatness</td><td>± 0.001A (200 - 1000nm)</td></tr> <tr> <td>Standard Holder Installed</td><td>Standard 10mm square cuvette holders</td></tr> <tr> <td>Light Source</td><td>Tungsten halogen & Deuterium lamp</td></tr> <tr> <td>Data Output</td><td>USB and parallel</td></tr> <tr> <td>Power</td><td>220 - 240VAC/50Hz or 110 - 120VAC/60Hz</td></tr> <tr> <td>Dimensions</td><td>600 x 450 x 200mm</td></tr> <tr> <td>Weight</td><td>22kg</td></tr> </table> <p>Computer and printer will be provided by the client</p> <p>Make: Moistech, Australia</p>	Wavelength Range	190 - 1100nm	Bandwidth	1.8nm	Optical System	Double beam (single monochromator) grating: 1200 lines/mm	Scanning Speed	Hi, Med, Low (Max 3000nm/min)	Wavelength Accuracy	± 0.3nm	Wavelength Repeatability	0.2nm	Photometric Range	0 - 200%T, -0.3 - 3.0A, 0 - 9999Conc	Photometric Accuracy	± 0.3%T or ± 0.002A@1A	Stray Light	0.05%T @220nm and 360nm	Stability	± 0.001A/h @500nm	Display	5" graphic LCD (320 x 240 dots)	Baseline Flatness	± 0.001A (200 - 1000nm)	Standard Holder Installed	Standard 10mm square cuvette holders	Light Source	Tungsten halogen & Deuterium lamp	Data Output	USB and parallel	Power	220 - 240VAC/50Hz or 110 - 120VAC/60Hz	Dimensions	600 x 450 x 200mm	Weight	22kg	
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