



Product description	LLG-uniSPEC 1 UV/VIS spectrophotometer is the ideal device for various routine laboratory applications including quality control, basic research and education. This high quality, accurate and cost-efficient unit is equipped with a large LCD display that shows standard curves and other test results. LLG-uniSPEC 1 enables without software the measuring of absorption, transmission as well as concentration, and factor determination via standard curves. It can save 200 groups of data and display wavelength, absorbance and transmittance. Optional software based on Windows 10 expand the application to kinetics, spectrum scanning and multi-wavelength measurements. - Stand-alone unit with large 2.5" LCD Display - Optional software for Windows 10 - Automatic wavelength setting - Easy creation of standard curves for concentration determination - Tungsten lamp and deuterium lamp reduce stray light which ensure high photometric accuracy - USB and parallel port - Large storage capacity of up to 200 groups of test results																																								
Delivery includes	Spectrophotometer, dust cover, manual, 4 glass cuvettes, 2 quartz cuvettes																																								
Specifications	<table> <tr> <td>Optical system:</td><td>Single beam, grating 1200 lines/mm</td></tr> <tr> <td>Wavelength range:</td><td>190 ... 1000 nm</td></tr> <tr> <td>Bandwidth:</td><td>2 nm</td></tr> <tr> <td>Wavelength accuracy:</td><td>±2 nm</td></tr> <tr> <td>Wavelength repeatability:</td><td>0.5 nm</td></tr> <tr> <td>Wavelength setting:</td><td>Auto</td></tr> <tr> <td>Photometric accuracy:</td><td>±0.5 % T</td></tr> <tr> <td>Photometric repeatability:</td><td>≤0.2 % T</td></tr> <tr> <td>Photometric range:</td><td>-0.3 ... 3 A, 0 ... 200 % T, 0 ... 9999 C</td></tr> <tr> <td>Photometric mode:</td><td>T, A, C, F</td></tr> <tr> <td>Photometric stability:</td><td>≤0.002 A/30 min</td></tr> <tr> <td>Stray light:</td><td>≤0.1 % T</td></tr> <tr> <td>Display:</td><td>LCD, 128 x 64 Dots</td></tr> <tr> <td>Detector:</td><td>Silicon photodiode</td></tr> <tr> <td>Light source:</td><td>Tungsten and deuterium lamp</td></tr> <tr> <td>Output:</td><td>USB port, parallel port</td></tr> <tr> <td>Dimension (W x D x H):</td><td>420 x 280 x 180 mm</td></tr> <tr> <td>Weight:</td><td>12 kg</td></tr> <tr> <td>Power supply:</td><td>110 ... 250 V</td></tr> <tr> <td>Warranty:</td><td>3 years</td></tr> </table>	Optical system:	Single beam, grating 1200 lines/mm	Wavelength range:	190 ... 1000 nm	Bandwidth:	2 nm	Wavelength accuracy:	±2 nm	Wavelength repeatability:	0.5 nm	Wavelength setting:	Auto	Photometric accuracy:	±0.5 % T	Photometric repeatability:	≤0.2 % T	Photometric range:	-0.3 ... 3 A, 0 ... 200 % T, 0 ... 9999 C	Photometric mode:	T, A, C, F	Photometric stability:	≤0.002 A/30 min	Stray light:	≤0.1 % T	Display:	LCD, 128 x 64 Dots	Detector:	Silicon photodiode	Light source:	Tungsten and deuterium lamp	Output:	USB port, parallel port	Dimension (W x D x H):	420 x 280 x 180 mm	Weight:	12 kg	Power supply:	110 ... 250 V	Warranty:	3 years
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Type	PK	Cat. No.
LLG-uniSPEC 1, with EU-plug	1	6.263 636
LLG-uniSPEC 1, with UK-plug	1	6.263 637