



VISIBLE SPECTROPHOTOMETER BKG-301

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A spherical light source optics, Curny-terner configuration diffraction grating monochromator.

Simple & clear keyboard operation is convenient to realize auto 0% T & 100% T adjustment T/A transformation, factor setting and direct concentration readout function;

With RS232 parallel I interface,

With RS232 serial interface, micro printer can be chosen for printing data directly; data processing package compatible, Transmittance and Absorbance, Standard Curve Mode, Quantitative Analysis Mode are provided;

Spacious sample compartment, 4 position cell rack, adaptable for 1-5 cm optical path rectangular cells.

SPECIFICATIONS

Model	BKG-301
Wavelength Range	320-1000nm
Spectral Bandwidth	4nm
Wavelength Accuracy	± 2 nm
Light Source Lamp	Halogen-Tungsten Lamp, 20 W / 12 V
Wavelength Reproducibility	1 nm
Photometric Accuracy	$\pm 0.5\%$ (T) (SRM930D)
Photometric Reproducibility	0.2% (T)
Stray Light	$\leq 0.2\%$ (T)
Noise	$\pm 0.5\%$ (T)
Value Range - TRANS	0-199.9%
Value Range - ABS	-0.3-2.999
Value Range - FACT	1-9999
Value Range - CONC	0-9999
Power Requirement	220 V / 110 V $\pm 10\%$, 50/60 Hz
Interface	RS232 Serial
Alt Name	Visible Spectrophotometer

ACCESSORIES FOR PURCHASE

No	Name	Optical length
1	Rectangular cells	1 cm, 2 cm, 3 cm, 5 cm cell rack
2	Fuse (2A/3A)	
3	Source lamp assembly complete with pre-adjusted lamp holder	
4	Spectrophotometer data processing software package for cooperate with PC	
5	RS-232C serial cable	
6	Serial printer	

APPLICATIONS

This Spectrophotometer is a compact and easy to operate instrument. It can be applied in measurement of transmittance, absorbance and direct concentration readout of transparent material. They have been versatile employed in the fields of hygiene and medicine, clinical examination, biochemistry, petrol chemical engineering, environmental monitoring and inspections, and quality controls for qualitative and quantitative analysis of concerning samples.



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