



VISIBLE SPECTROPHOTOMETER BIX-101

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80x52mm backlit LCD display, directly reading absorbance, transmittance, and concentration.

Automatic zero adjustment at 0%T and full - scale adjustment at 100%T for more accurate test data.

Automatic wavelength adjustment with a minimum interval of 0.5nm, eliminating manual adjustment errors.

UV and visible light switching using an automatic light - seeking system, unaffected by lamp changes and transportation.

Deuterium lamp system with energy - saving mode, effectively extending the lifespan of the deuterium lamp.

Multiple data output options, including built - in printer output, USB drive output.

SPECIFICATIONS

Model	BIX-101
Wavelength Range	320-1100nm
Spectral Bandwidth	4nm
Wavelength Accuracy	±1nm
Optical System	Single beam; with 1200 line/mm grating
Wavelength Repeatability (nm)	≤0.5
Transmittance Accuracy (%T)	≤0.5
Transmittance Repeatability (%T)	≤0.2
Stray Light (%T)	<0.2 @ 360 nm
Spectral Range	0-200%T, -0.301-3A, 0-9999C (0-9999F)
Light Source	Tungsten
Display	Segment LCD
Wavelength Adjustment	Automatic
Data Output	U Disk, Built-in printer (optional)
Power Supply	AC 90-250 V / 50-60 Hz (DC 12V-3A)
Weight (kg)	7
Alt Name	Visible Spectrophotometer

ITEMS INCLUDED

No	Name	Quantity
1	Position holder 10mm	1
2	Power Cord	1
3	1cm Glass Cuvette	4
4	Dust Cover	1
5	User manual	1

FEATURES

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Multiple data output options, including built - in printer output, USB drive output.

Multiple power supply options, including 90 - 250V AC power, lithium battery power, and vehicle power.



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