



SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BJN-1801

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UV VISIBLE SPECTROPHOTOMETER



Controlled by single-chip microcomputer with LCD screen (128 x 64 dots).
Large LCD display can display multiple sets of data.
Large memory space can store multiple sets of data and curves.
Features auto zero and 100% adjustment functions.
Auto wavelength adjustment.
Auto filter changing, large sample chamber (5 mm ~ 100 mm).
Supports direct entry of K and B factors for quantitative measurement standard curves.
Standard samples and their corresponding concentration values can be directly entered to build standard curves for quantitative measurement.
Standard curve parameters and measurement settings can be saved after power-off.
Equipped with a general-purpose parallel printer port to print header, measurement

SPECIFICATIONS

Model	BJN-1801
Wavelength Range	190-1100nm
Spectral Bandwidth	4nm
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	0.2 nm
Photometric Accuracy	±0.5% τ
Photometric Repeatability	0.2% τ
Stray Light	≤0.05% τ
Stability	0.001A/h@500 nm
Photometric Mode	T, A, C, E
Wavelength Setting	Automatic
Photometric Display Range	-0.3 ~ 3A
Display Mode	LCD Screen (128 x 64 Dots)
Detector	Imported Silicon Photodiode
Light Source	Imported Deuterium Lamp & Tungsten Halogen Lamp
Power Requirement	AC 220V/50Hz, 110V/60 Hz
Power	120 W
Dimensions (W x D x H)	470 x 325 x 200 mm
Weight	10 Kg
Alt Name	UV Visible Spectrophotometer

ITEMS INCLUDED

No	Name	Quantity
1	1 cm glass cuvette	4 pcs
2	1 cm quartz cuvette	2 pcs
3	Dust cover	1 pc
4	Power line	1 pc
5	Instruction manual	1 pc

FEATURES

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Large memory space can store multiple sets of data and curves.

Features auto zero and 100% adjustment functions.

Auto wavelength adjustment.

Auto filter changing, large sample chamber (5 mm ~ 100 mm).

Supports direct entry of K and B factors for quantitative measurement standard curves.

Standard samples and their corresponding concentration values can be directly entered to build standard curves for quantitative measurement.

Standard curve parameters and measurement settings can be saved after power-off.

Equipped with a general-purpose parallel printer port to print header, measurement data, curve parameters, standard sample points, and fitted curves.

Built-in USB communication interface.

Supports PC control to meet more precise and flexible measurement requirements (standard configuration).



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