



SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BJN-1701

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UV VISIBLE SPECTROPHOTOMETER



Controlled by a single-chip microcomputer with an LCD screen (128 x 64 dots). Large memory space can store multiple sets of data and curves. Features auto zero and 100% adjustment functions. Auto wavelength adjustment. Automatic switching of light source and color filter. Auto filter changing, large sample chamber (5 mm ~ 100 mm). Supports up to nine standard samples for standard curve establishment. 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.

SPECIFICATIONS

Model	BJN-1701
Wavelength Range	190-1100nm
Spectral Bandwidth	4nm
Wavelength Accuracy	±1nm
Wavelength Repeatability	0.5 nm
Photometric Accuracy	±0.5% τ
Photometric Repeatability	0.2% τ
Stray Light	≤0.1% 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	9 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

Controlled by a single-chip microcomputer with an LCD screen (128 x 64 dots).

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

Features auto zero and 100% adjustment functions.

Auto wavelength adjustment.

Automatic switching of light source and color filter.

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

Supports up to nine standard samples for standard curve establishment.

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.

With a general-purpose parallel printer port, you can print the title bar, measurement data, curve parameters, standard sample points, and curves.

Built-in USB communication interface.

PC control can be achieved for more accurate and flexible measurement requirements (standard).



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