BioLAB

PRODUCT CATALOG

DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BJN-3401

CE ISO9001 CERTIFIED

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DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BJN-3401

INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETER

Host English operating system with a 7-inch color touch screen display.
Large LCD display can display multiple sets of data.
Large memory space to store multiple sets of data and curves.
Auto zero and 100% adjustment function.
Automatic wavelength adjustment.
Sealed light path with automatic filter switching.
Large sample chamber supporting 5 mm to 100 mm cuvettes.
Built-in calibration curve measurement function supporting up to 10 standard sample points.
Standard concentration values can be entered directly to establish a standard curve for quantitative measurement.
Configurable groups for storing calibration curve parameters; multiple calibrati

SPECIFICATIONS

Model	BJN-3401
Wavelength Range	190-1100nm
Spectral Bandwidth	4nm
Wavelength Accuracy	±0.3nm
Optical Path Structure	Double beam
Wavelength Repeatability	0.2 nm
Wavelength Resolution	/
Photometric Accuracy	±0.3% T
Photometric Repeatability	0.2% T
Stray Light	≤0.03% T
Stability	0.001 A/h @ 500 nm
Photometric Mode	T, A, C, E
Wavelength Setting	Automatic
Photometric Display Range	-4 to 4 A
Display Mode	Touch LCD Screen (7 inches)
Detector	Imported Silicon Photodiode
Light Source	Xenon Lamp
Power Requirement	AC 220 V / 50 Hz; 110 V / 60 Hz
Power	120 W
Dimensions (W x D x H)	510 x 385 x 215 mm
Weight	16 kg
Alt Name	UV Visible Spectrophotometer

ITEMS INCLUDED

No	Name	Quantity
1	Dust Cover	1 pc
2	Power Line	1 pc
3	1 cm Glass Cuvette	4 pcs
4	Instruction Manual	1 pc
5	1 cm Quartz Cuvette (UV-VIS)	2 pcs
6	Software Suite	1 set

FEATURES

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Sealed light path with automatic filter switching.
Large sample chamber supporting 5 mm to 100 mm cuvettes.
Built-in calibration curve measurement function supporting up to 10 standard sample points.
Standard concentration values can be entered directly to establish a standard curve for quantitative measurement.
Configurable groups for storing calibration curve parameters; multiple calibration curves can be saved.
Calibration curves can be edited at any time. Standard parallel printer interface and compatible interfaces can print title bars, measurement data, curve parameters, calibration curves, and sample points.
Supports external USB flash drive for storage and export of experimental data.

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