



DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BEY1H3 (BSDBU-204-B)

DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BEY1H3

SPECTROPHOTOMETER



- Large HD Smart Touch Screen
High sensitivity and user-friendly UI for easy operation.
- Stand-Alone System with Multi Functions
Spectrum scanning, Standard curve, Kinetics, Multi wavelength, DNA/Protein test can be operated directly on device without PC software.
- Automatic 8-position Cell Holder
Higher efficiency of experiment to save time.
- Easy Printing
Available to connect with general office printer directly (HP Deskjet 1111/1112/2723).
- USB Port, Fast Data Output

SPECIFICATIONS

Model	BEY1H3
Old Model	BSDBU-204-B
Optical System	Double Beam
Light Source	W Lamp & D2 Lamp
Wavelength Range	190-1100nm
Bandwidth	1nm
Display	10-inch Touch Screen
Wavelength Accuracy	$\pm 0.1\text{nm}$ at D2 656.1nm, $\pm 0.3\text{nm}$ at full range
Wavelength Repeatability	$\leq 0.1\text{nm}$
Photometric Accuracy	$\pm 0.3\%T$ (0-100%T); $\pm 0.002\text{Abs}$ (0-0.5Abs); $\pm 0.004\text{Abs}$ (0.5-1.0Abs)
Photometric Repeatability	$\leq 0.1\%T$ (0-100%T); $\leq 0.001\text{Abs}$ (0-0.5Abs); $\leq 0.002\text{Abs}$ (0.5-1.0Abs)
Stability	$\leq 0.001\text{A/h}$ @250nm & 500nm, 2hrs warm-up
Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Stray Light	$\leq 0.05\%T$ at 220nm & 360nm
Control Mode	Stand-alone System or PC Software (Optional)
Data Output	USB Port or Bluetooth (Optional)
Power Requirement	AC 110/220V, 50/60Hz
Alt Name	Double Beam UV Visible Spectrophotometer

ACCESSORIES FOR PURCHASE

No	Name	Description	Quantity	Unit
1	1	Spectrophotometer	1	unit
2	2	1cm Glass cuvette	4	pcs
3	3	1cm Quartz cuvette	2	pcs
4	4	Power cord	1	pcs
5	5	User's manual	1	pcs
6	6	Dust cover	1	pcs

FEATURES

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- USB Port, Fast Data Output

All test data can be exported to USB disk directly.

- Optional Bluetooth Module and PC software.

Bluetooth function and PC software are optional to meet different applications.

- Large Sample Chamber, Multi Options of Accessories

1-10cm universal cell holder, test tube holder, film holder, integrating sphere, specular reflectance accessory, peltier/sipper system, etc.

- High-quality Grating with High Performance

Lower stray light, higher stability and reliability.

- 16mm-thick Optical Base, Rigid Structure

All optical components are fixed on a 16mm thick rigid die-cast aluminum board to promise higher stability and reliability.



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