BioLAB

PRODUCT CATALOG

SCANNING VISIBLE SPECTROPHOTOMETER BKG-401

CE ISO9001 CERTIFIED

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VISIBLE SPECTROPHOTOMETER BKG-401

VISIBLE SPECTROPHOTOMETER

High Wavelength Accuracy: ensure the accuracy and long-term stability when the instrument is processing auto wavelength detection and calibration.
Wide Wavelength Range: meet the needs of most spectrophotometric test
High Photometric Accuracy: ensure the measurement of optical light path to meet the design requirements, improve process efficiency of the Assembly to achieve high precision photometry testing index.
Offline U disk storage: make it easy for user to manage data in the format like Excel and etc.
Various offline quantitative measurement function: Electronic System use 32 bits ARM core processor system, equipped with 128*64 big screen LCD, offline quantitative measurement could do multi wavelength test, Standard curve fitting and measurement, standard coefficient equation input, save and load standard equation,

SPECIFICATIONS

Model	BKG-401
Wavelength Range	320-1100nm
Spectral Bandwidth	2nm
Wavelength Accuracy	±1nm
Wavelength Repeatability	≤0.5 nm
Photometry Accuracy	±0.5%T
Photometry Repeatability	≤0.2%T
Stray Light	≤0.1%T (360 nm, NaI)
Baseline Flatness	±0.002 A
Stability	≤0.0008 A
Noise	≤0.5%T (100%T), ≤0.2%T (0%T)
Photometry Range	0.0-200% (T), -0.3-4 (A)
Display System	128 x 64 LCD Display
Functional Port	USB-A (U Disk), USB-B (PC), Serial Port (Printer)
Instrument Dimension	370 x 357 x 220 mm
Carton Dimension	450 x 420 x 310 mm
Weight	N.W.: 8 kg; G.W.: 10 kg
Alt Name	Visible Spectrophotometer

FEATURES

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Offline U disk storage: make it easy for user to manage data in the format like Excel and etc.
Various offline quantitative measurement function: Electronic System use 32 bits ARM core processor system, equipped with 128*64 big screen LCD, offline quantitative measurement could do multi wavelength test, Standard curve fitting and measurement, standard coefficient equation input, save and load standard equation, data storage and printing, quantitative measurement of concentration.
Powerful Software Function: Software could achieve spectrum scanning, time scanning, dynamic scanning, quantitative measurement, multi wavelength analysis and formula calculation, spectrum processing, find peak and valley, print data etc. to meet different needs in various analysis fields.

Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com