BIOBASE®

Scanning UV/VIS Spectrophotometer

- Features:

 * Environmental Deuterium lamp, preventing from Ozone inhalation.

 * Socket-Type Deuterium lamp and Tungsten lamp.

 * SiOz. coating pottad mitror, reduces the influence from outside.

 * GLP self-check fundion



- Basic Functions:

 * Photometry
 Test Abs., Transmittance and Energy by fixed wavelength:

 * Quarritative
 Linear fit and Linear fit through zero two modes
 a. Coefficient, Standard Sample input and Standard
 Sample read three modes to establish standard curve.
 b. Establish A-K1*C+K0, can search original data, graph
 curve, parameters settings.
 c. Can save 240 group curves, can test 240 data in each
 curve.
 d. Double wavelength, Triple wavelength test functions.

 Technical Parameters:

 * Kinetics
 Used for time course scanning or reaction rate calculations
 AA1, can search all data.

 * Multi-Wavelength
 Can test Transmittance and Abs. with 8 different wavelengths
 at most.

 * Scanning
 Use Care ans et the scan range from 190nm to 1100nm to test
 the max. Abs, peak value, can do derivation, arithmetical
 operations to the graph.

 * NAProtein(Optional: UV, Lowry, BCA, CBB and Bluret)
- Technical Parameters:

Model	BK-S360	BK-S380	BK-S390	
Optical System	Single Beam, Grating 1200 lines/mm			
Wavelength Range	190~1100nm			
Spectral Bandwidth	1.8nm	1nm	0.5, 1, 2, 4, 5nm	
Wavelength Accuracy	±0.3nm hase co / MANANA highase com			
Wavelength Repeatability	≤0.2nm			
Photometric Accuracy	±0.002A(0~0.5Abs), ±0.004A(0.5~1.0Abs), ±0.3%T(0~100%T)			
Photometric Repeatability	0.001Abs(0~0.5Abs), 0.002Abs(0.5~1.0Abs), ≤0.1%T(0~100%T)			
Stray Light	≤0.04%T@360nm; 220nm			
Stability	±0.001A/h@500nm			
Baseline Flatness	±0.0015A			
Noise	±0.0004Abs			
Display	65 thousand true color 7 inch TFT LCD (480*800)			
Photometric Mode	T, A, C, E			
Photometric Range	0~200% T, -0.301~3.0A			
Detector	Silicon Photodiode			
Light Source	Deuterium Lamp, Tungsten Lamp			
Input	Membrane Keypad			
Output	USB-A*2 Print and data output USB-B Connect PC			
Standard Accesseries	1cm glass cuvette*4, 1cm quartz cuvette*2, 1cm quadruple cuvette holder, scanning softwar			
Optional Accessories	Tom standard single slot cuvette holder, long optical path cuvette holder, cuvette, micro cuvette, estable by pe absorber rack, solid sample holder, deuterium lamp, tungsten lamp, quadruple cuvette holder, printer, four-slot water bath type constant temperature absorption pol, X-Y Adjustable Micro Absorption Pool, single bath type constant temperature absorption pool, program-controlled thermostatic absorption pool seat, 8 racks, reflection accessions			
Power Supply	AC 85~265V, 50/60Hz			
Package Size(W*D*H)	740*570*440mm			
Gross Weight	25kg			

Double Beam Scanning UV/VIS Spectrophotometer

Features:

- Features:

 * Environmental Deuterium lamp, preventing from Ozone inhalation.

 * Real-time monitoring the lifetime of Deuterium lamp and Tungsten lamp.

 * Socket-Type Deuterium lamp and Tungsten lamp.

 * Socket-Type Deuterium lamp and Tungsten lamp.

 * GLP self-heck function-check the wavelength accuracy and Photometry accuracy, provide test report and power-off protection.

 * Wavelength calibration, wavelength setting, change lamp source and dark current calibration automatically.

 * SiOr, coating optical mirror, reduces the influence from outside.

 * Kinetic

current calibration automa	tically.		1000	
k SiO₂ coating optical mirror	r, reduces the influence from ou	itside.		
Quantitative Linear fit and Linear fit th a. Coefficient, Standard S read three modes to et b. Establish A=K1*C+K0, curve, parameters sett c. Can save 240 group or	Sample input and Standard Sam stablish standard curve. , can search original data, graph ing. urves, can test 240 data in each iple wavelength test functions.	th. calcular * Multi-W Can tes wavele * Scann User ca max. A operatir * Biology	or time course scanning or reaction rate tions: AAI, can search all data. Vavelength st Transmittance and Abs. with 8 different nights at most. 19 an set the scan range from 190nm to to test if the scan tangual time time to the scan range from 190nm to to test if the scan tangual time time time time to the scan range from 190nm to to test if the scan range from 190nm to to test if the scan range from 190nm to to test if the scan range from 190nm to to test if the scan range from 190nm to the scan rang	
Model	BK-D560	BK-D580	BK-D590	
Optical System	Double Beam, Grating 1200 I	ines/mm		
Wavelength Range	190~1100nm	mhiar		
Spectral Bandwidth	1.8nm	1nm	0.5, 1, 2, 4, 5nm	
Wavelength Accuracy	±0.3nm			
Wavelength Repeatability	≤0.2nm	3A/3A/3A/ D	inhase com	
Photometric Accuracy	±0.002A(0~0.5Abs), ±0.004A(0.5~1.0Abs), ±0.3%T(0~100%T)			
Photometric Repeatability	0.001Abs(0~0.5Abs), 0.002Abs(0.5~1.0Abs), ≤0.2%T(0~100%T)			
Stray Light	≤0.04 T@360nm; 220nm			
Stability	±0.0003A/h@500nm			
Baseline Flatness	±0.0005A			
Noise	±0.0002Abs			
Display	65 thousand true color 7 inch TFT LCD(480*800)			
Photometric Mode	T. A. C. E			
Photometric Range	0~200% T, -0.301~3.0A			
Detector	Silicon Photodiode			
Light Source	Deuterium Lamp, Tungsten Lamp			
Input	Membrane Keypad			
Output	USB-A*2 Print and data output USB-B Connect PC			
Standard Accessories	Scanning software, 1cm standard single slot cuvette holder, 1cm glass cuvette*4, 1cm quartz cuvette*2			
Optional Accessories	1cm standard single slot ouvette holder, long optical path ouvette holder, cuvette, micro cuvette, ester but special path out the holder, standard single slot expressions and special path of the design of the path of the pa			
Power Supply	AC 85~265V. 50/60Hz			
Package Size(W*D*H)	740*570*440mm			
Gross Weight	25kg			
Gross Weight	ZUNG			

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