

*A Personal UV/Visible spectrophotometer specially designed for
Molecular Biology*

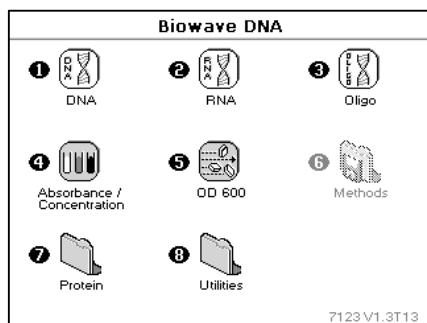
Biochrom WPA Biowave DNA

Life Science Spectrophotometer



Key Features

- Compact footprint – Only 11" Wide!
- Pre-programmed DNA, RNA, Protein Methods and Cell Density
- Nucleic Acid Scans for purity check (220-330nm)
- Low volume capability with 10µl quartz cells
- Measure any wavelength 190-900nm
- Optional built-in printer or SD card with PC connection
- Novel Split Beam Optical System with Xenon lamp for low running costs



Easy to Use Software

DNA - Nucleics		
230nm	0.094 A	Sample 1
260nm	0.257 A	
280nm	0.160 A	
260 / 280		Concentration 9.509
1.606		
260 / 230		Units ng/ul
2.734		

Easy to Read Display

ORDERING INFORMATION		
ITEM	ORDER CODE	PRICE
Biowave DNA Spectrophotometer	80-3004-70	\$4380.00
Biowave DNA Spectrophotometer with Printer	80-3004-71	\$4855.00
Biowave DNA Spectrophotometer with SD Card Accessory	80-3005-10	\$4745.42



TECHNICAL SPECIFICATION	BIOCHROM WPA BIOWAVE DNA UV/VIS SPECTROPHOTOMETER
Optical System	Dual Channel, Flat grating monochromator
Detector	1024 element CCD array
Light Source	Pulsed Xenon lamp
Wavelength Calibration	Automatic upon switch on
Wavelength Range	190 - 900nm
Absorbance Range	-0.3- 2.5 A
Spectral Bandwidth	5nm
Stray Light	0.5%T at 220nm and 340nm using NaNO ₂
Wavelength Accuracy	±2nm
Wavelength Reproducibility	±1 nm
Photometric Range	- 0.300 to 2.500A, 0 to 199%T
Photometric Reproducibility	±0.002A at 0-0.5A, 546nm
Photometric Accuracy:	±0.003A at 0-0.5A, 546nm
Photometric Linearity	±0.005 Abs or 1% of the reading, whichever is the greater at 546 nm
Outputs	USB, Printer*, SDcard* (includes PVC Software)
Power Supply	90-250 V, 50/60 Hz, Max 30 VA
Voltage Range:	90 - 130 and 180 - 250V (autosensing)
Dimensions (wxhxd) inches	10.2" x 15.4" x 3.9"
Weight lb	<9.92lb
Warranty	2 years Instrument with a 3 year lamp warranty

*Optional accessories—only one can be fitted to the instrument at a time

ITEM	OPTIONAL ACCESSORIES	
	ORDER CODE	PRICE
Spare printer paper (20 rolls)	80-3004-07	\$101.79
Disposable Cells UV plastic (min. vol. 750µl), semi-micro, pack of 100	80-3000-77	\$48.57
Disposable Cells UV plastic (80µl fill vol.), ultra-micro, pack of 100	80-3000-81	\$52.17
Quartz Cells ultra-micro (70µl fill vol.)	80-2103-69	\$359.45
Quartz Cells ultra-micro (min 10µl fill vol.)	80-3000-83	\$405.34



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Biochrom is a Harvard Bioscience Company.