

## Biochrom WPA Biowave II UV/Visible Spectrophotometer with Life Science Methods

The Biochrom WPA Biowave II offers all the benefits of the Lightwave II with the addition of key life science applications. The Biowave II+ is a higher resolution 3nm bandwidth version.

Rating: Not Rated Yet

[Ask a question about this product](#)

Manufacturer [Biochrom](#)

### Description

- [Description](#)

## Description

### Features

- Split Beam (RBC) UV/Vis Spectrophotometer 190-1100nm (3nm/5nm bandwidth)
- Pre-programmed methods for DNA, RNA, Oligos, proteins and cell density
- Nucleic acid scans for purity checking
- Low volume capability with 10 µL min. quartz cells
- Novel optics with a Xenon source for long lamp lifetime and low running costs
- Flexible data export optional accessories include Export to PC software, Wireless Bluetooth<sup>®</sup>, built in printer or SD card Method/Data storage.

### Description

The Biochrom WPA Biowave II offers all the benefits of the Lightwave II with the addition of key life science applications. The Biowave II+ is a higher resolution 3nm bandwidth version. This instrument has a 2 year warranty and the Xenon lamp has a 3 year warranty.

### Built in Life Science Methods

Pre-programmed methodologies for nucleic acid quantification (DNA, RNA and oligonucleotides), protein assays (BCA, Biuret, Bradford and Lowry) and for cell culture density measurements. The visualisation of the nucleic acid scan is particularly useful, especially for RNA samples where impurities may be present in the 230 nm region, yet not have an adverse effect on the A260/A280 ratio. The system is compatible with disposable low volume UV cuvettes

In kinetics mode, the basic plot of absorbance against time may be supplemented with the result for  $\Delta A/\text{min}$  plus the correlation coefficient is also calculated for the duration of the assay. This slope may be multiplied automatically by a factor to convert it directly to rate of reaction.

**Flexible Data Export Options**

Results may be printed to an optional integrated high quality graphical printer for a permanent record Alternatively results can be exported via a USB cable connection to a suitable PC running Print Via Computer (PVC) software or wireless Bluetooth® accessory (optional). Alternatively the optional SD card accessory allows laboratories to export to standard SD or SDHC memory cards. This will be particularly useful to laboratories wishing to clone methods and folders between instruments. Please note only one optional accessory can be fitted to each instrument.

**Ordering Information**

Biochrom WPA Biowave II  
Biochrom WPA Biowave II with Printer  
Biochrom WPA Biowave II with Bluetooth®  
Biochrom WPA Biowave II with SD card Accessory  
Biochrom WPA Biowave II+  
Biochrom WPA Biowave II+ with Printer  
Biochrom WPA Biowave II+ with Bluetooth®  
Biochrom WPA Biowave II+ with SD card Accessory

**Order Code**

80-3003-75  
80-3003-76  
80-3003-77  
80-3005-11  
80-3004-80  
80-3004-81  
80-3004-82  
80-3005-12

**Upgrade and Spare parts**

80-3004-07 Spare printer paper (20 rolls).  
80-3003-84 Printer accessory.  
80-3004-73 Print via computer software and cable.  
80-3003-96 Bluetooth accessory  
80-3005-00 SD Card accessory.

**Reviews**

There are yet no reviews for this product.