

Lightwave II UV/Visible Diode Array Spectrophotometer

Scanning instrument for general UV/VIS applications

The Lightwave II diode array UV/Visible spectrophotometer is the perfect combination of ease of use with flexibility, incorporating Novel Optics with no moving parts and a Xenon source for high energy performance with longer lamp lifetime. The instrument includes a large wide view display and in-built software providing flash scan, fixed wavelength measurements, kinetics and concentration with comprehensive graphics capability plus the ability to store up to 90 methods. On peak confirmation is also a feature of the flexible software. Concentration may be measured using either a factor, single- point calibration, multi-standard curves or Lightwave II alternatively there is a multi-wavelength mode where equations using absorbance values may be used for ratio calculations.

Samples may be measured in 10, 20 or 40mm path length cells (glass, quartz or disposable) and all results may be printed to an optional integrated high quality printer for permanent record. Alternatively the instrument may be linked to a PC via a USB cable connection, the optional wireless Bluetooth or SD Card accessories for data storage or printing.

The Lightwave II has been designed to meet the needs of customers in most laboratory situations and is compact, lightweight, convenient and excellent value for money compared to conventional

systems. With its elegant new user interface, Gifford Optics and Bluetooth® connectivity, the Lightwave II is an obvious choice in a multi-function environment. A higher resolution Lightwave II+ with a 3nm bandwidth is also available.



- Novel optics for high energy combined with a xenon source for long lamp lifetime
- Unique, integral cuvette tray for storage and sample support
- Wavelength scanning, kinetics and concentration functionality with full graphics display
- Integrated printer (optional)
- Wireless bluetooth connectivity® (optional)
- Integrated SD card accessory for data storage & export (optional)
- Simple selection software

Ordering Information

Lightwave II UV/Visible Spectrophotometer	80-3003-72
Lightwave II UV/Visible Spectrophotometer with printer	80-3003-73
Lightwave II UV/Visible Spectrophotometer with Bluetooth	80-3003-74
Lightwave II UV/Visible Spectrophotometer with SD card	80-3005-13
Lightwave II+ UV/Visible Spectrophotometer	80-3004-60
Lightwave II+ UV/Visible Spectrophotometer with printer	80-3004-61
Lightwave II+ UV/Visible Spectrophotometer with Bluetooth®	80-3004-62
Lightwave II+ UV/Visible Spectrophotometer with SD card	80-3005-14