

LIBRA Spectrophotometers and Colorimeters from Biochrom



Libra Visible and UV/Vis spectrophotometers are part of the well known Biochrom family of instruments, which include the Novaspec, Ultrospec GeneQuant and WPA brands. Libra instruments are designed to meet the full range of spectroscopy requirements for industrial, analytical and Life Science applications, from simple hand held colorimeters to full pharmacopoeia compliant systems. These quality instruments are built to last, and include features such as “press to read” for extended lamp life and low maintenance costs. There is a wide range of sample handling accessories available.



Advanced UV/Vis Spectrophotometers



Libra S21 and S22

High performance compact “workhorses” for the analytical laboratory. Ideal in a multiuser, multi-application laboratory and for users who require IQ/OQ validation.

- Long life Xenon source.
- On-board software for standard and life science applications plus method storage.
- Vis (325-1100nm) S21, and UV/Vis (190-1100nm) S22 models.
- Built in self test diagnostics for GLP instrument performance validation.
- 8 position sample changer as standard.
- Optional full PC control with Acquire and Acquire CFR software.

Libra S11 and S12

Ideal for quality control in analytical or industrial laboratories where a high specification instrument and a wide choice of accessories are required.

- Basic routines (Absorbance, %Transmission, Concentration & Ratio) plus scanning, kinetics and standard curve capabilities.
- Customize both the start-up menu and the accessible methods.
- Vis (325-999nm) S11 and UV/Vis (200-999nm) S12 models.
- Output directly to printer, or full PC control with Acquire Lite software.



Libra S32 and S35

High performance, high specification instruments for use in busy multi-user pharmaceutical QC, analytical and research laboratories needing GLP compliance or IQ/OQ certification. Advanced split beam optics with reference beam compensation for superb measurement stability. The S35 is our highest performance instrument available offering full pharmacopoeia compliance.

- Wavelength 190nm to 1100nm. S35 (<1nm bandwidth) S32 (<1.8nm bandwidth).
- 8 position sample changer as standard.
- Stand-alone and PC versions (S32 PC and S35 PC). Stand alone instruments can also be connected to PC for control with Acquire or Acquire CFR software.
- Press to read (PTR) technology significantly extends lamp life for low cost of ownership.
- Built in self test diagnostics for GLP instrument performance validation.

Visible Diode Array Spectrophotometers

Compact, lightweight and their robust design makes them ideal for general laboratory use. Easy to use with large graphical displays, and they are suitable for use with standard 10mm cuvettes or 10,12 and 16mm test tubes.

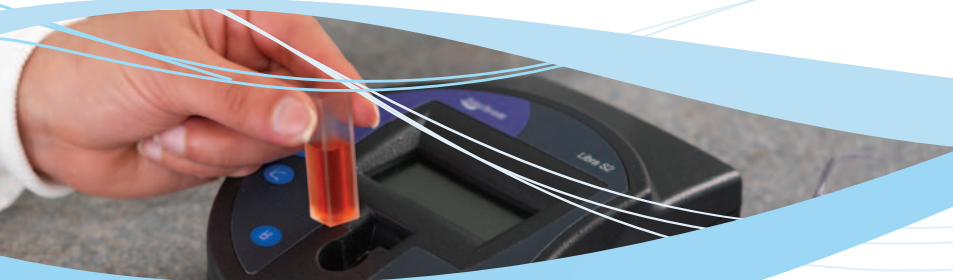


Libra S4

- Visible spectrophotometer ideal for education or QC laboratories.
- Measures Absorbance, % Transmission, Concentration and Rate in the range 330nm-800nm.
- Connect to a PC or chart recorder. Use Grafico PC software (included) to capture, print, interpret and export results to Excel.
- UV/Vis educational tutorial and starter pack of cuvettes included.

Libra S6

- Easy to use, visible scanning spectrophotometer ideal for QC and routine use in industrial, biotech and educational laboratories.
- Measures Absorbance, %Transmission, Absorbance ratio and concentration and kinetics in the range 330nm-800nm.
- Stores up to 99 methods and has a large, backlit graphical display.
- Connect to PC or chart recorder to capture, print, interpret or export results to Excel.
- Heated cell holder version available for measurements at 37°C (Libra S6H).



Colorimeters

Libra S2

Compact, portable instrument designed for demanding environments or remote locations. The rugged design is ideal for field or student use.

- Excellent value for money and ideal in educational applications.
- Absorbance, %Transmission and kinetic measurements. 8 built in filters to measure from 440nm to 680nm.
- Rechargeable battery option (Libra S2B) and connectivity to PC or chart recorder.

For more information and technical specifications see our websites.
www.biochrom.co.uk or www.biochrom-US.com



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Biochrom is a Harvard Bioscience Company.

All Libra instruments conform to safety certifications (CE 89/336/EEC (EMC directive); CE 73/23/EEC (LV directive); EN-61010-1 (IEC1010-1)