

Visible Spectrophotometer, Series 1100RS

- Features an accurate 10nm bandpass model and is designed for use with 1/2" (13mm) round tubes or 10mm square cuvettes.
- Optional tube holders are also available for COD, 3/4" and 1" round tubes.
- An adapter is supplied at no additional charge for 10mm square optical glass cuvettes.
- High quality silicon photodiode detector and 1200 lines/mm grating assures high performance.
- Auto zero function, one-touch blanking and built-in, automatic filters for easy operation.
- Large digital display allows quick and easy readings.
- Work with optional Windows® based software for easy data collection and application expansion to Standard Curve and Kinetics, Abs. and %T and Concentration, etc.
- Data can be easily exported to Microsoft Excel® for further processing and analysis.
- The software is designed for Window based PC's, using Windows 2000, ME, or XP.
- Feature both USB and RS-232C ports along with Absorbance, Transmittance, Concentration (C) and Factor (F) modes. Each mode can be quickly selected with the touch of a button (please see the close-up photo of the instrument control panel on this page).
- Comes complete with an Operation Manual, 12 round optical glass cuvettes, a square cuvettes adapter, and dust cover.
- CE Approved.



Visible Spectrophotometer

Model	ST-S1100RS
Wavelength Range	335-1000nm
Slit Width	10nm
Optical System	Single beam, grating system, 1200 lines/ mm
Wavelength Accuracy	± 2nm
Wavelength Repeatability	± 1nm
Photometric Range	0-125%T, 0-2.0 Abs, 0-1999°C (0-1999°F)
Photometric Accuracy	± 1%T
Stray Light	Less than or equal to 0.5%T at 340 & 400nm
Data Output	RS 232 and USB
Light Source	Tungsten-halogen lamp 6V/ 10W
Sample Compartment	Accommodates 1" inch round tube with optional holder
Power Requirements	220-240V/ 50Hz
Dimension (W x D x H) mm	406 x 305 x 205
Net Weight	6kg