

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

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| 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 6W/ 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 |