Visible Spectrophotometer, Longpath Series 2100+

- SASTEC is proud to introduce the new S2100+ Series spectrophotometer. This new series offers software-based wavelength scanning.
- The new spectrophotometer are programmable, affordable, and simple to use; while providing excellent results.
- The large 4-line LCD display can be read from any angle.
- The touch buttons make commanding easy and data entry quick and convenient.
- The menu is task driven and makes using your2100+ user-friendly.
- A large on-board memory is capable of storing up to 200 test methods (standard curves) and saving up to 500 test data.
- Each unit comes standard with both USB and RS-232 data ports for communication.
- Two optional features make documentation and reporting a snap; optional software for PC's which includes scanning capability.
- The USB port can be used for both data transfer and software upgrades. Periodically we make system upgrades, and you will be able to update the functionality of your S2100+ at no charge via the USB port whenever upgrades are available.
- The optional Windows® XP based software expands the capabilities of the instrument including Standard Curves, Kinetics, Abs. & %T, and wavelength scanning.
- Data can be easily exported to Excel® for further processing, analysis and storage.
- The S2100+ comes standard with an operation manual, dust cover, and a set of four 10mm square optical glass cuvettes.
- CE approved.

Visible Spectrophotometer, Longpath	
Model	ST-S2100E
Wavelength Range	325-1000nm Visible Wavelength
Slit Width	4nm
Optical System	Single beam, grating system, 1200 lines/ mm
Wavelength Accuracy	± 2nm
Wavelength Repeatability	± 1nm
Wavelength Resolution (Display)	1nm
Photometric Accuracy	± 0.004 A at 0.5 A
Photometric Range	0 ~ 125%T, -0.3 ~ 2.0 A, 0-9999°C
Photometric Repeatability	± 0.003 A at 0.5 A
Stray Light	Less than or equal to 0.3%T at 340nm
Stability	± 0.002 A/ hr at 500nm after 1 hr. warm-up
Baseline Flatness	± 0.010 A with PC software
Display	LCD (4 line x 20 characters)
Control Buttons	9 buttons, keypad
Printer (Optional)	Built-in Thermal Printer (Optinal)
Communication Ports	RS 232 and USB
Cuvettes Capacity	Up to 100mm pathlength (with longpath cell holder, optional)
Cell Holder	Single or 4 cell, manual
Abs / %T Mode	Display: Abs and %T
Quantitative Mode	Standard Curve: 1st through zero, 1st, Factor
Memory Capacity	Up to 200 standard curves
Utility	Dark current, D2 on/ off, system self calibration.
Power Requirements	100-240V, 100W
Dimension (W x D x H) mm	420 x 340 x 180
Net Weight	10kg