

SPECTROPHOTOMETER *SP-1103*

The Spectrum SP-1103 Spectrophotometer is designed to meet the needs of both students and instructors. As a general laboratory instrument, the SP-1103 features include a 6 nm bandwidth, an overall wavelength range of 325 nm to 1000 nm, Transmittance/Absorbance test mode, automatic blanking, a large LCD digital display. You can use the SP-1103 for spectrophotometric experiments in the visible wavelength region of the electromagnetic spectrum and the operation of instrument as simple as 1...2...3.

Features:

- Auto 100%T/OA and 0%T.
- The test results are displayed by a Large digital LCD displayer and are displayed digitally from 0 to 100% Transmittance or 0 to 1.99 Absorbance over a continuous wavelength range of 360 to 1000 nm
- Sample compartment contains both round test tube and square cuvette(require a adapter).
- Silicon photodiode detector covers the entire wavelength, eliminating the need to change detector.
- 6 nm spectral bandwidth provides the sensitivity and performance required for almost all applications.
- Built-in stray light filters.
- Able to test micro samples.

Specifications:

Optical System:	Littrow Mounting, single beam, 1200l/mm grating optical system,
Wavelength range:	325-1000nm
Spectral bandwidth:	6nm
Wavelength accuracy:	±2nm
Wavelength readability:	±1nm
Stray radiant energy:	Less than 1% at 340nm
Photometric range:	0-100 %T, 0-1.99A
Photometric accuracy:	±2%T
Light Source:	6V/10W Tungsten Halogen Lamp
Sample Container:	φ12mm test tube or 10×10×45mm rectangular cuvette(require a adapter)
Detector:	High sensitivity silicon photodiode



1. Set wavelength 2. Set 100%T or OA

3. Insert sample 4. Read results

SP-1103 Visible Spectrophotometer

Standard Accessories:

Instruction manual, Dust cover, 10x10x45 rectangular cell,

Optional Accessories:

