



# Spectro UV-VIS Touch Screen, Scanning, Single Beam Spectrophotometer

## Automatic Smart Spectro UV-2510TS

### Technical Specifications

Optical System:	Single Beam Spectrophotometer	Absorbance Measuring Range:	-0.301 ~ 4.000 (A)
Monochromator:	1200 lines/mm holographic grating	Concentration Range:	0.000 ~ 9999 (C)
	C-T monochromator	Baseline:	± 0.003Abs (210-990nm, S model only)
Wavelength:	190 nm - 1100 nm	Scanning Speed:	About 500nm/min, with a high speed 1nm step
Wavelength Accuracy:	± 1 nm	Noise:	100%T ≤ 0.2%(T) 0%T ≤ 0.1%(T)
Wavelength Repeatability:	≤ 0.5 nm	Drifting:	≤ 0.002%(A)/0.5h (at 250nm and 500nm, warm up 2h)
Spectral Bandwidth:	2 nm	Weight:	20 kg
Transmittance Accuracy:	± 0.5% (T) (NBS930D)		
Stray Light:	0.1% (T) (220nm, NaI; 360nm, NaNO <sub>2</sub> )		
Transmittance Repeatability:	≤ 0.2% (T)		
Transmittance Measuring Range:	0.0%-200.0% (T)		