

STALWART

Single Beam Spectrophotometer STV-1700 Series



Features

1. Unique optical system, 1200 lines/mm grating and imported receiver to ensure its sound performance.
2. The optional PC software expands the capabilities of the instrument includes Photometric analysis, Quantitative analysis, Spectral scanning, Kinetics, DNA/protein analysis, Multi-wavelength test, etc.
3. Adopts 51 microcomputer system, and store 200 test data and 100 standard curves;
4. Plug type deuterium lamp and tungsten lamp transfer lamps without optics debugging.
5. Large sample chamber can accommodate 5-100mm cuvettes of all kinds.

Specification

Item	STV-1700		STV-1710	STV-1720
Optical System	Single Beam, Grating 1200 lines/			
Wavelength Range	190-1100nm			
Spectral Bandwidth	2 nm			
Wavelength Accuracy	±0.3 nm	±0.5 nm	1nm	
Wavelength Repeatability	≤0.1 nm	≤0.2 nm		
Photometric Accuracy	0.3%T	0.5%T		
Photometric Repeatability	0.2%T			
Photometric Range	0 - 200%T, 0.3- 3A			
Stray light	0.05%T	0.1%T	0.15%T	
Stability	±0.0001A/h @ 500nm	±0.0002A/h @ 500nm		
Baseline Flatness	±0.002 A			
Noise	± 0.001 A			
Wavelength Setting	Auto			
Display	128*64 LCD			
Light Source	Deuterium & Tungsten lamp			
Detector	Silicon Photodiode			
Output	USB port & Parallel port (Printer)			
Power	AC 220V/50Hz; AC 110V/60Hz			
Shipping Size	590*460*220mm			
Weight	16kg			