

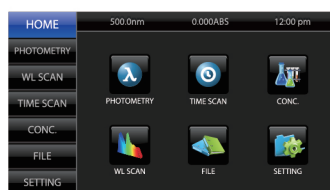
## S series UV/VIS Spectrophotometer

S series UV/VIS Spectrophotometers are newly designed and launched by Techcomp Instrument limited. They are compact models equipped with color touch screen and intuitive main menu which is easy for end user operation. Besides, those S series spectrophotometer models possess a few features of high wavelength accuracy, low stray light and good monochromaticity as well.



# S series

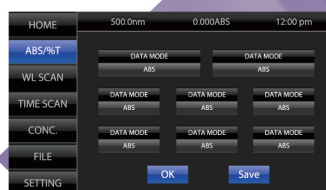
## UV/VIS Spectrophotometer



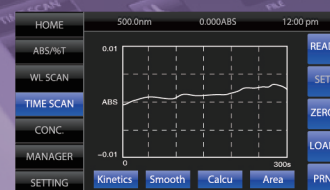
Menu Navigation Interface



Photometric measurement



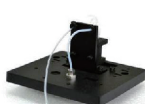
Parameter setting



Time scan



Temperature Control Holder  
(0027542)



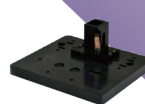
Flow Cell Holder  
(0028490)



Auto Sample Sipper  
(0027543)



Automatic 5 Cell Changer  
(0027544)



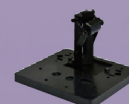
Micro Cell Holder  
(0028474)



Long Pathlength Cell Holder  
(0028489)



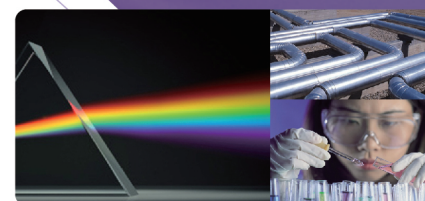
Printer  
(0027381)



Test Tube holder  
(0029755)

## Applications with S series UV/VIS Spectrophotometer

S series UV/VIS Spectrophotometers can be used for basic qualitative and quantitative analysis of samples within the UV/VIS wavelength range. It is general laboratory equipment for the various applications in clinical, medical, biochemical, petrochemical, environmental, quality control and academic research fields etc.



## Specifications

	S1020	S1010
Wavelength Range	190-1000nm	320-1100nm
Absorbance Range	-0.3 to 1.999	-0.3 to 1.999
Transmittance Range	0 to 199.9%	0 to 199.9%
Concentration Range	-300 to 1999	-300 to 1999
Selectable Resolution	1, 0.1, 0.01 or 0.001	1, 0.1, 0.01 or 0.001
Spectral Bandwidth	5nm	6nm
Light Source	Pulsed Xenon Lamp	Tungsten Lamp
Wavelength Accuracy	±2nm	±1nm
Wavelength Repeatability	≤1nm	≤0.5nm
Transmittance Accuracy	≤±1%T	≤±0.5%T
Transmittance Repeatability	≤0.5%T	≤0.2%T
Stray light	≤0.5%T	≤0.5%T
Drift	≤0.005Abs/hr, after two hours warm-up at 250nm	≤0.008Abs/hr, after two hours warm-up at 500nm
Noise	≤0.005Abs at 250nm	≤0.001Abs at 500nm
Scanning speed	300nm/min (0.2nm Step)	300nm/min (0.2nm Step)
Memory	SD Card Storage	SD Card Storage
Time Scan Display	Graphical and Calculated Concentration Value	Graphical and Calculated Concentration Value
Wavelength Scan Analysis	Absorbance and Wavelength of Peaks and Valleys	Absorbance and Wavelength of Peaks and Valleys



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