

[Click Below](#)

For General Use

Manual pipettes
Pip. Filler/ Stepper
Electronic Dispenser
Magnetic Stirrers
Shakers

For Analytical Labs

Electronic Titrator
Manual Dispenser
Rotary Evaporator
Hotplate
Overhead Stirrers

For Life Science Labs

Electronic Pipettes
SafeVac
Centrifuges-LS
Mixers / Vortex
Thermo Mixers

For Clinical Labs

Centrifuges-Clinical
Rollers and Rotators
Thermo Cyclers
Spectrophotometers



info@dlabsci.com

Spectrophotometer

SP-V1000/SP-UV1000/SP-V1100/ SP-UV1100



Your Accessible Solution



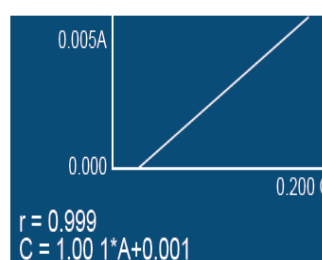
The spectrophotometer is an indispensable instrument used routinely for quantitative analysis in the fields including biotechnology and quality control of new material developed. **V Series provide high resolution, high performance and excellent stability.**

Advantages for the user	Features
User Friendly Operation and Information Rich LCD Display	The large 128 x 64 dots, backlit LCD screen with adjustable brightness control displays a large array of data also in graphical format.
Auto setting wavelength	To set wavelength automatically to calibrate the system through arrow keys to avoid operation errors.
PC control through wave professional application software&	Fully equipped and capable of executing all functions in stand-alone mode. The optional application software provides computer control for the spectrophotometer (through the built-in USB port), such as spectrum scan, Time scan (kinetics), multi wavelength scanning & Nucleic Acid /Protein measurement.(SP-V1100/SP-UV1100)
On-Board Data Storage	The System can save the test results, up to 200 groups of data and 200 standard curves in the RAM memory
Large sample compartment	To accommodate 5 – 100mm path length cuvette with optional holders.

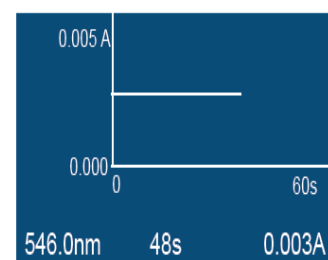
Basic Mode

546.0nm		0.001A
No.	WL.	Abs.
1	230.0	0.001
2	340.0	0.000
3	450.0	0.002
4	540.0	0.000
5	620.0	0.003

Quantitative



Kinetics



[Click Below](#)

For General Use

Manual pipettes
Pip. Filler/ Stepper
Electronic Dispenser
Magnetic Stirrers
Shakers

For Analytical Labs

Electronic Titrator
Manual Dispenser
Rotary Evaporator
Hotplate
Overhead Stirrers

For Life Science Labs

Electronic Pipettes
SafeVac
Centrifuges-LS
Mixers / Vortex
Thermo Mixers

For Clinical Labs

Centrifuges-Clinical
Rollers and Rotators
Thermo Cyclers
Spectrophotometers



Info@dlabsci.com

Spectrophotometer

SP-V1000/SP-UV1000/SP-V1100/ SP-UV1100



Your Accessible Solution



SP-V1000



SP-UV1000



SP-V1100



SP-UV1100

Technical data

Model	SP-V1000	SP-UV1000	SP-V1100	SP-UV1100
Optical System	Single Beam			
Light Source	Tungsten lamp	Tungsten lamp& Deuterium lamp	Tungsten lamp	Tungsten lamp &Deuterium lamp
Spectral Bandwidth	4.0nm		2.0nm	
Wavelength Range	325~1000nm	200~1000nm	320~1100nm	190~1100nm
Wavelength Accuracy	±2nm		±0.5nm	
Wavelength Repeatability	≤1nm		≤0.3nm	
Photometric Range	-0.3 ~ 3.0 A , 0 ~ 200 %T			
Photometric Accuracy	±0.003 A @ 0.5 A , ±0.006 A @ 1.0 A , ±0.5 %T @ 100 %T		±0.002 A @ 0.5 A , ±0.004 A @ 1.0A , ±0.3 % T @ 100 %T	
Photometric Repeatability	≤0.0015 A @ 0.5 A , ≤0.003 A @ 1.0 A , ≤0.25 %T @ 100 %T		≤0.001 A @ 0.5 A , ≤0.002 A @ 1.0A , ≤0.15 %T @ 100 %T	
Stability	≤0.002 A/h @ 500 nm (after preheat 2 hours)			
Stray Light	≤0.2@ 360 nm	≤0.2@ 220& 360 nm	≤0.05@ 360nm	≤0.05@ 220 & 360 nm
Sample Compartment	4-position, 10mm path length cuvette			
Display	LCD			
Output	USB Port & Parallel Port (Printer)			
Dimensions(L×W×H)	490×360×210 mm			
Weight	10kg	12kg	10kg	12kg

Click Below

For General Use

Manual pipettes
Pip. Filler/ Stepper
Electronic Dispenser
Magnetic Stirrers
Shakers

For Analytical Labs

Electronic Titrator
Manual Dispenser
Rotary Evaporator
Hotplate
Overhead Stirrers

For Life Science Labs

Electronic Pipettes
SafeVac
Centrifuges-LS
Mixers / Vortex
Thermo Mixers

For Clinical Labs

Centrifuges-Clinical
Rollers and Rotators
Thermo Cyclers
Spectrophotometers



Info@dlabsci.com

Spectrophotometer

SP-V1000/SP-UV1000/SP-V1100/ SP-UV1100



Your Accessible Solution

Ordering Information

Cat. No.	Version No.	P/N	Description
4010110100	0902037777	SP-UV1000	200~1000nm Tungsten lamp & Deuterium lamp
4010120100	0303027777	SP-UV1100	190~1100nm Tungsten lamp & Deuterium lamp
4010210100	0303027777	SP-V1000	325~1000nm Tungsten lamp
4010220100	0303027777	SP-V1100	320~1100nm Tungsten lamp

Accessories

Cat. No.	Descriptions
18900331	4-CELL HOLDER FOR 10MM SQU.CUVETTE
18900332	4-CELL HOLDER FOR 10MM TO 50MM SQU.CUVETTE(A)
18900333	4-CELL HOLDER FOR UP TO 100MM SQU.CUVETTE (A)
18900334	CYLINDRICAL CELL HOLDER(ø16mm) (A)
18900335	10MM WATER-JACKETED 1-CELL HOLDER (A)
18900336	10MM WATER-JACKETED 4-CELL HOLDER (A)
18900337	MICRO CELL HOLDER
18900338	TEST TUBE HOLDER(ø8-ø22mm)(A)
18900339	SOLID SAMPLE HOLDER(ø1.5mm--3mm , 1-POSITION)(A)
18900340	8-POSITION AUTO CELL CHANGER
18900341	12V20W HALOGEN LAMP (PHILIPS)
18900342	MILAS DEUTERIUM LAMP10V300mA 30W