



## Spectrophotometer

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

Spectrophotometer is essential in the identification and quantification of different compounds in solutions by measuring the transmission light intensity at specific wavelength in a spectrum of light compared with the light intensity from a standard source.

The instrument measures the absorbance, transmittance (in %) and concentration of the sample and is widely used in metallurgy, geology, physical chemistry, pharmaceutical chemistry, forensic physics, biotechnology and microbiology etc.



Spectrophotometer

### LCD digital display with consistent interface design

Concise LCD digital display provides a user friendly interface to set up and run procedures smoothly. It also supports plot display with 128 x 64 dots.

### Automatic wavelength calibration.

**Data Storage:** 200 groups of data which can also be restored after power failure.

**Auto switch** of tungsten/ deuterium lamps covers a wavelength range of 190-1100nm.

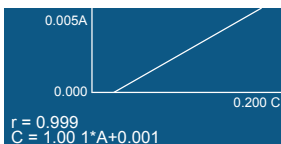
**'Wave Professional' Software:** Connect the spectrophotometer to PC via the USB port and control it with the optional "Wave Professional" Software for data documentation and quantitative analysis.

A wide range of sample holder to accommodate cuvettes of 5-100mm path length.

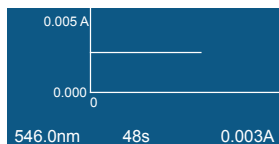
### Basic Mode

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





**Cat. No.** 18900337  
Micro cell holder



**Cat. No.** 18900340  
8-position auto cell changer  
(for SP-V1100&SP-UV1100)



**Cat. No.** 18900331  
4-cell holder for 10mm sq. cuvette



**Cat. No.** 18900332  
4-cell holder for 10mm  
to 50mm sq. cuvette



**Cat. No.** 18900333  
4-cell holder for up to  
100mm sq. cuvette



**Cat. No.** 18900338  
Test tube holder(ø8-ø22mm)



**Cat. No.** 18900334  
cylindrical cell holder(ø16mm)



**Cat. No.** 18900339  
solid sample holder  
(ø1.5-3mmø1 position)



**Cat. No.** 18900335  
10mm water-jacketed 1 cell holder  
(for SP-V1100 & SP-UV1100)



**Cat. No.** 18900336  
10mm water-jacketed 4-cell holder  
(for SP-V1100 & SP-UV1100)



Square cuvettes glass/quartz  
1-5mm/10-100mm



**Cat. No.** 18900341  
12V20W Tungsten lamp

**Cat. No.** 18900342  
Milas deuterium lamp,10V,300mA,  
30W (for SP-UV1000&SP-UV1100)