

## UV- 6100 Double Beam Spectrophotometer

- The two detectors measure sample and reference respectively and simultaneously for optimizing measurement accuracy.
- They provide excellent performance for measurements in the range of 190 to 1100nm, the memory is 32K.
- They are suitable for pharmaceutical, biochemical and clinical lab applications as well as routine applications such as quantitative analysis, kinetics, wavelength scan, multiple components and DNA/Protein, PC Windows application software make these instruments versatile. All instruments provide excellent performance for measurements.



## Features:

- Fixed or variable slits (Bandwidths)
- For Stand-alone models, all software methods are included as built-in standard; this eliminates the need of software.
- Online software upgrading via internet helps to keep it updated.
- Data Download-to-PC software expands the data storage to unlimited.
- The stand-alone model has 5 inch screen and the PC model has UV/Vis Analyst software.
- Data can be saved by USB memory device directly Stand-alone models of UV6 Series have the same functions as UV-3 series.

## Specification

| Model                | UV- 6100PC  | UV- 6100PCS    |
|----------------------|---|----------------|
| Wavelength Range     | 190 – 1100 nm   |                |
| Spectral Bandwidth   | 1.8 nm  | 0.5/1/2/4/5 nm |
| Optical System       | Double Beam   |                |
| Wavelength Accuracy  | ±0.3nm  |                |
| Scan Speed           | Hi , MED. , LOW. , MAX. 3000nm/min                        |                |
| Photometric Accuracy | ±0.3%T or ±0.003A@1A                                      |                |
| Photometric Range    | 0-200%T, -0.3 - 3A .                                      |                |
| Stray Light          | 0.04%T@220nm , 360nm                                      |                |
| Stability            | ±0.0003A/h @500nm   |                |
| Display              | 5 inches LCD(320*240 dots)                                |                |
| Baseline Flatness    | ±0.0005A  |                |
| Standard Cell Holder | Standard 10mm single cell holder (2 pcs)                  |                |
| Sample Compartment   | Standard 10mm pathlength cuvette                          |                |
| Light Source         | Tungsten & Deuterium lamp(pre-aligned)                    |                |
| Output               | USB Type A port for USB memory device (Right side)        |                |
|                      | USB Type B port for optional computer connectivity (Back) |                |
|                      | Parallel port for printer                                 |                |
| Power Requirement    | AC 110/220V 50/60Hz                                       |                |
| Dimensions(W*D*H)    | 589*428*200mm   |                |
| Weight               | 22kg  |                |