

UV/VIS Spectrophotometer

UV-Vis-6000TP

Features

- 800*480 large 7" touch screen
- Multiples functions on spectrophotometer, wavelength scanning, standard curve, kinetics, multiple wavelength scanning, DNA/Protein
- Solid Aluminum optical breadboard 16mm thick ensure stability and reliability
- Auto calibration function, Auto calibrate baseline, wavelength, dark current to standard curve
- USB & Parallel Port, Easy data storage and printing function
- Hamamatsu Tungsten & Deuterium Lamp
- GMP / GLP Laboratory Compliance
- Optional 8-cell Holder, Micro cuvettes, Thermostatic sampling, reflectance accessories
- Automatic power on to test and calibration for uniformed test result

Description

UV-Vis-6000TP Double beam UV-Vis Spectrophotometer with large 7" touch screen

Application

- Quality control
- General research
- Pharmaceuticals
- Biochemical and clinical laboratory applications.



Technical Specification

| | |
|---------------------------|--|
| Model | UV-Vis-6000TP |
| Wavelength Range | 190-1100nm |
| The spectral bandwidth | 2nm |
| Wavelength Accuracy | ±0.5nm |
| Stray light | 0.05%T @ 220 nm, 360 nm |
| Wavelength Repeatability | ≤0.1nm |
| Photometric Accuracy | ±0.2T(0-100%T) ±0.002Abs(0-0.5Abs) ±0.004Abs(0.5-1.0Abs) |
| Photometric Repeatability | ≤0.05%6T(0-100%6T) 0.001Abs(0-0.5Abs) 0.002Abs(0.5-1.0Abs) |
| Stability | ≤0.001A/30min |
| Photometric Range | 0-200%T, -0.3-3.0A, 0-9999C |
| Baseline flatness | ±0.002A |
| Noise | ±0.005A |
| Display | 800*480 touch screen |
| Output | USB port & Parallel Port |
| Light source | Tungsten Lamp & Deuterium Lamp |
| Power Requirements | AC 220V/50Hz or AC 110V/60Hz |
| Detector | Silicon Photodiode |
| Dimension | 460*380*180mm |
| Weight | 20kg |

Standard Accessories

| Item | Description | Quantity | Unit |
|------|---------------------|----------|------|
| 1 | Spectrophotometer | 1 | set |
| 2 | 1cm Glass cuvette | 4 | pcs |
| 3 | Power cord | 1 | pcs |
| 4 | User's Manual | 1 | pcs |
| 5 | 1 cm quartz cuvette | 2 | pcs |
| 6 | Dust Cover | 1 | pcs |