

## Touch Screen UV/Vis Spectrophotometer



### Features:

- \* Automatic 6 position cell holder for 10-50mm optical path.
- \* The base adopts a thickened and reinforced design, improving the stability of the optical path and ensuring measurement accuracy.
- \* Sealed design to avoid external influences on the optical path. Extend the service life of the instrument.
- \* Long life deuterium lamp, tungsten lamp (no less than 2000 hours), socket design, easier to replace.
- \* 1200 line/mm holographic gratings, moisture-proof coated optical mirrors, improving the measurement accuracy and service life of the product.
- \* Supports USB data output and printing, supports Bluetooth.
- \* Provide various specialized accessories to expand the application range of the instrument.
- \* Base function: photometric, quantitative, kinetic, multi wavelength.
- \* PC software design meets GMP requirements, multi user management, audit tracking function (Optional).

### Technical Parameters:

Model	BK-UV6T
Optical System	1200 line/mm Grating, Single Beam
Wavelength Range	190~1100nm
Spectral Bandwidth	2.0nm
Wavelength Accuracy	±0.5nm (@D656.1±0.1nm)
Wavelength Repeatability	≤0.2nm
Photometric Accuracy	±0.002A (0-0.5Abs), ±0.004A (0.5-1.0Abs), ±0.2% T (0-100% T)
Photometric Repeatability	±0.001A (0-0.5Abs), ±0.002A (0.5-1.0Abs), ±0.1%T (0-100%T)
Stray Light	≤0.04T@360nm; 220nm
Stability	±0.001A/h@500nm
Baseline Flatness	±0.001A
Noise	±0.001Abs
Display	1024*600 7 inch touch screen
Photometric Mode	T, A, C, E
Photometric Range	0-200%T, -4.0-4.0A, 0-9999.9C
Detector	Silicon Photodiode
Light Source	Deuterium Lamp, Tungsten Lamp
Input	Touch Screen
Interface	USB-A*2, USB-B*1, Blue Tooth