

TOUCH Vis & UV/VIS SPECTROPHOTOMETER



Technical Parameters:

Model	BK-DT9	BK-DT9P	BK-DT9S
Optical System	1200 line/mm Grating, Double Beam		
Wavelength Range	190-1100nm		
Spectral Bandwidth	1.8nm	1.0nm	0.5,1.0,2.0,4.0,5.0nm
Wavelength Accuracy	$\pm 0.3\text{nm}$ ($\pm 0.1\text{nm}$ @596.1)		
Wavelength Repeatability	$\leq 0.1\text{nm}$		
Photometric Accuracy	$\pm 0.002\text{A}$ (0-0.5Abs), $\pm 0.004\text{A}$ (0.5-1.0Abs), $\pm 0.2\%$ T (0-100% T)		
Photometric Repeatability	$\pm 0.001\text{A}$ (0-0.5Abs), $\pm 0.002\text{A}$ (0.5-1.0Abs), $\pm 0.1\%$ T (0-100% T)		
Stray Light	$\leq 0.02\%$ T @360nm,220nm		
Stability	$\pm 0.0002\text{A} / \text{h}$ @500nm		
Baseline Flatness	$\pm 0.0004\text{A}$		
Noise	$\pm 0.0002\text{Abs}$		
Display	1024*600 10 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		