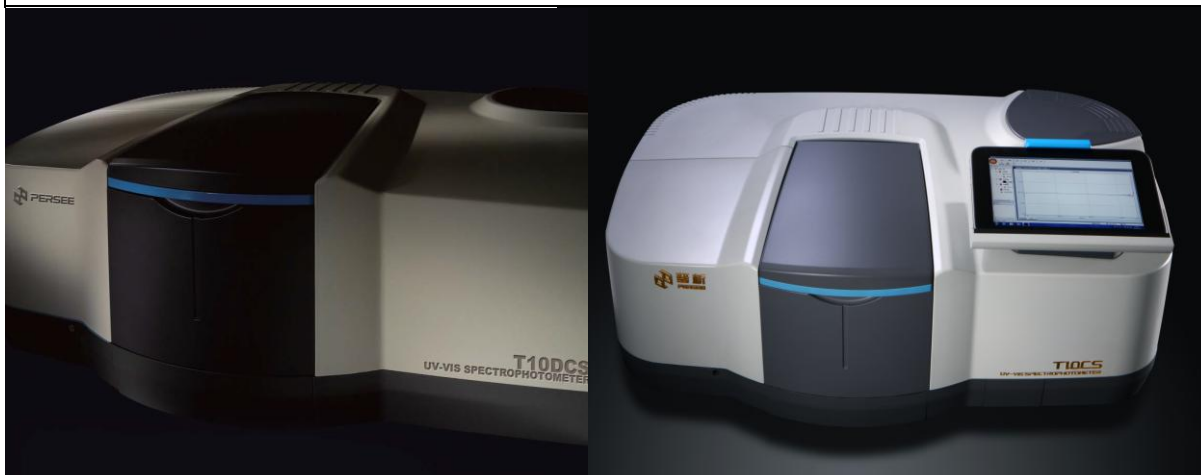


# T9DCS/T10DCS UV-Vis Spectrometer



Optical System	Double beam
Scan Speed	1000nm/min 1500nm/min location speed
Wavelength Range	185-900nm
Wavelength Accuracy	±0.2nm
Spectral Bandwidth	±20%(0.1nm-5nm continuously adjustable)
Photometric Mode	Transmittance, Absorbance, Energy and Concentration
Photometric Range	T9DCS: -6.0Abs-6.0Abs T10DCS: -8.0Abs-8.0Abs
Photometric Accuracy	±0.004A@2.0A ±0.003A@1.0A ±0.002A@0.5A ±0.3%
Photometric Reproducibility	≤0.002A@2.0A ≤0.0008A/1.0A ≤0.0004A/0.5A ≤0.1%
Photometric Noise	0% Noise: ≤0.01% 100% Noise: ≤0.1%
Baseline Flatness	T9DCS: ±0.0008Abs T10DCS: ±0.0005Abs
Baseline Stability	0.1%/hr
Stray light	T9DCS: ≤0.0001%T(NaI, 220nm), ≤0.0001%(NaNO <sub>3</sub> , 360nm) T10DCS: ≤0.00004%T(NaI, 220nm), ≤0.00002%(NaNO <sub>3</sub> , 360nm)
Cell Holder	Automatic 8 Cell Changer
Detector	Photo multiplier tube
Light Source	D2 lamp, Tungstern lamp, Mercury lamp for WL correction
PC Interface	RS232, USB, Wifi
Software Support	UV Win
Power Supply	Switchable 120-230V AC 50-60Hz
Weight	62Kg
Dimensions (Width, Depth, Height)	913mm, 645mm, 298mm