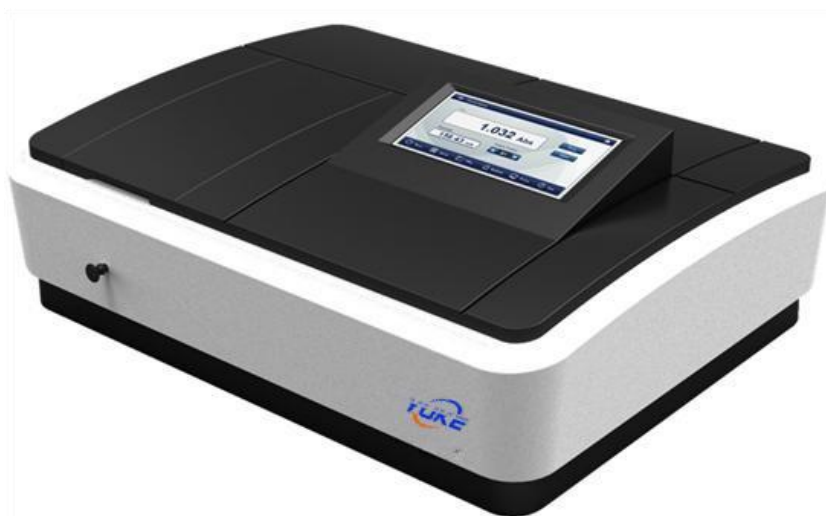


YKT9200S

Photomultiplier tube double beam UV-visible spectrophotometer



Instrument features:

1. High-quality photomultiplier tube configuration, wide gain range, fast response, high sensitivity, especially suitable for the detection of weak radiation energy.
2. The instrument adopts an 8-inch large-screen color touch screen and an easy-to-use graphical interactive interface design. The host can independently complete photometric measurement, quantitative weighing, spectral scanning, kinetics, DNA/protein testing, and multi-wavelength testing.
3. Using PC software to reverse control the instrument can obtain richer extended applications. The software follows the use specifications of GLP/GMP laboratories and has built-in perfect user management, log recording, data storage traceability and report output functions;
4. Powerful storage function, can save various types of data and spectra, equipped with a standard USB interface, can directly export data for editing, and the measurement and storage data have a power-off retention function.
5. Unique design with excellent optical performance, using holographic grating monochromator, digital photocell detector, low stray light and noise, high photometric accuracy and stability.
6. Ultra-fast scanning speed, easy tracking of chemical reaction process, full-wavelength drive system, automatic calibration at startup, automatic switching of light source, and automatic zeroing.
7. The instrument can be equipped with wireless Bluetooth printer, automatic cuvette, film sample holder, test tube cuvette holder, constant temperature pool holder, optical integrating sphere, reflection accessory, variable optical path sample holder, variable angle solid sample holder and other special accessories.



0086 16601757347
inquiry@yukelab.com
www.yukelab.com
0086 021 59570209

Technical parameters:

1. Display: 8-inch large color touch screen
2. Optical system: dual beam
3. Wavelength range: 190-1100nm:
4. Spectral bandwidth: 0.1nm-5nm continuously adjustable, variable interval is 0.1nm
5. Wavelength accuracy: $\pm 0.1\text{nm}$ (at 656.1nm), $\pm 0.3\text{nm}$ full area
7. Scanning speed: high, medium, slow
8. Photometric range: -0.3-3A, 0-9999C (0-9999F)
9. Transmittance accuracy: $\pm 0.3\% \tau$ (0-100% τ) $\pm 0.002\text{A}$ (0~0.5A) $\pm 0.003\text{A}$ (0.5A~1A)
10. Transmittance repeatability: 0.15% τ (0-100% τ) $\pm 0.001\text{A}$ (0~0.5A) $\pm 0.0015\text{A}$ (0.5A~1A)
11. Baseline flatness: $\pm 0.0015\text{A}$
12. Stray light: 0.03%T (220nm, 360nm)
13. Noise: $\pm 0.0002\text{A}$ (after 500nm preheating)
14. Light source: imported tungsten lamp, imported deuterium lamp
15. Receiver: high-performance Hamamatsu photomultiplier tube receiver
16. Photometric mode: transmittance/absorbance/concentration/energy
17. Host function: photometric measurement, quantitative analysis, wavelength scanning, multi-wavelength measurement, kinetic analysis, DNA/protein measurement
18. Data interface: online/data output/print