

K5800/K5800C/ K5800H/K5800 **Tmicro - Spectrophotometer**

- 1) Light source: long life pulsed xenon flash lamp
- 2) Detector: 2048-element linear silicide CCD array
- 3) Wavelength range: 190 ~ 850nm
- 4) Wavelength accuracy: $\pm 1\text{nm}$
- 5) Wavelength resolution: 2 nm (FWHM at Hg 546 nm)
- 6) Repeatability: $<\pm 0.5\text{nm}$
- 7) Light path: 1 mm, 0.05mm (optical path automatic conversion)
- 8) Nucleic Acid measurement range: 0.4 ~ 37500ng / μL (DS-DNA)
- 9) Protein measurement range: 0.01 ~ 800mg / ml (BSA)
- 10) Sample volume requirements: 0.5 ~ 2 μL
- 11) Absorbance Accuracy: 1% (0.76 absorbance at 350 nm)
- 12) Absorbance range: 0.002 - 750 (equivalent to 10mm path length)
- 13) Cuvette mixing system: own mixing mixing system, so that the sample concentration is more uniform
- 14) Sample measurement time: less than 5 seconds
- 15) Sample base material: stainless steel and quartz fiber
- 16) Cuvette specifications (optical path): 1 mm, 2mm, 5 mm, 10mm
- 17) Minimum sample volume of the cuvette: 20 μL
- 18) The minimum height of the cuvette sample: 5mm
- 19) Cuvette Type: A cuvette with a traceable cuvette specification
- 20) Cuvette Anechoic Chamber: A standard cuvette darkroom with a wide variety of cuvettes
- 21) Mixing system: comes with mixing mixing system
- 22) Temperature control: 10 ~ 42 $^{\circ}\text{C}$ thermostat adjustable temperature error $<\pm 0.5^{\circ}\text{C}$



K5800H Room Temperature-42 $^{\circ}\text{C}$ K5800T 10 ~ 42 $^{\circ}\text{C}$

- 23) Through the USB port or network dump data
- 24) Without preheating, boot at any time detection
- 25) With a liquid column to determine abnormal function
- 26) With automatic measurement function, simplifying the operation process
- 27) Permanent preservation of data, at any time to export or delete data
- 28) Built-in wifi, remote operation can be achieved
- 29) The test result can be printed wirelessly
- 30) Built-in detection system; comes with high-definition display, touch screen operation