

## Ultra-micro-spectrophotometer YK6711C



### Performance and technical requirements

1. ★ Optical path: 1mm, 0.5mm, 0.05mm (optical path automatically switched)
2. Micro sample volume requirement: 0.3~2 $\mu$ L
3. Light source: long-life pulsed xenon flash lamp
4. Detector: 3864-element linear siliconized CCD array
5. Wavelength range: 185~930nm
6. Wavelength accuracy:  $\pm 1$ nm
7. Wavelength resolution: 2nm (FWHM at Hg 546nm)
8. Absorbance accuracy: 0.002 Abs
9. Absorbance accuracy: 1% (0.76 absorbance at 350nm)
10. Absorbance range: 0.002~300 Abs, equivalent to 10mm
11. ★ Nucleic acid measurement range: 0.2~15000 ng/ $\mu$ l (dsDNA)
12. Protein measurement range: 0.1~400mg/ml (BSA)
13. Instrument dimensions: 20 $\times$ 30 $\times$ 20cm
14. Instrument weight: 3.5kg

### Product Features

1. Built-in optical fiber to avoid external force collision causing optical fiber breakage, resulting in confusion in measurement results.
2. Measurement results are automatically saved in spreadsheet mode and USB output
3. The world's unique permanent hard disk function for saving historical data
4. Sample measurement time: less than 5 seconds
5. ★ Built-in Wi-Fi can realize remote operation and wireless printing of test results
6. Network transfer data, comes with electronic manual
7. ★ Comes with high-definition display, full touch operation, built-in win10 system.



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### **Cuvette mode**

1. Cuvette wavelength range: 200nm-850nm
2. Cuvette specifications: 1mm/2mm/5mm/10mm
3. Minimum sample volume of cuvette: 50ul
4. Minimum sample height of cuvette: 8.5mm
5. Cuvette darkroom: standard cuvette darkroom, can use cuvettes of various specifications
6. Cuvette type: micro-recoverable cuvette

### **Product Configuration List**

YK6711C Micro-Spectrophotometer Main Unit  
Power Cord  
Power Adapter  
Certificate of Conformity  
Quality Inspection Report  
Instruction Manual  
Cuvette\*2