

Product Name :
UV/VIS Spectrophotometer**Product Code :**
ELAB-ENG-10-0009**Description :**

UV/VIS Spectrophotometer

Technical Specification :

UV/VIS Spectrophotometer

Adopted high-class grating with wholly hermetic light path design, to ensure the instrument has the super low stray light

Real-time monitoring the lifetime of Deuterium lamp and Tungsten lamp with advanced system

With GLP self-check function, check the wavelength accuracy and Photometry accuracy

Wavelength calibration, wavelength setting, change lamp source and dark current calibration automatically

With SiO₂ coating optical mirror, reducing the pollution from outside fully.

Basic Functions:

1, Photometry

Test Abs., Transmittance and Energy by fixed wavelength

2, Quantitative

Linear fit and Linear fit through zero two modes

a. Coefficient, Standard Sample input and Standard Sample read three modes to establish standard curve

b. Establish $A=K1 \cdot C+K0$, can search original data, graph curve, parameters settings

c. Can save 240 group curves, can test 240 data in each curve

d. Double wavelength, Triple wavelength test functions

3, Kinetics

Used for time course scanning or reaction rate calculations ?A/t, can search all data.

4, Multi-Wavelength

Can test Transmittance and Abs. with 8 different wavelengths at most

5, Scanning

User can set the scan range from 190nm to 1100nm to test the max. Abs. peak value, can do derivation, arithmetical operations to the graph.

6, Biology

6 methods: DNA/Protein, UV, Lowry, BCA, CBB and Biuret.

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers