

**Product Name :**  
UV/VIS Spectrophotometer

**Product Code :**  
ASTRALAB-SUPPLYA139009



**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 SiO<sub>2</sub> 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  $A=K_1 \cdot C+K_0$ , 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.

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