

Product Name :
Astra Atomic Absorption Spectrophotometer

Product Code :
ASTRALAB-SUPPLYA17014



Description :

Astra Atomic Absorption Spectrophotometer

Technical Specification :

Completely controlled by PC operation, it can be flexibly matched with flame and graphite furnace atomizer. The lamp current, negative high voltage, operating wavelength and combustion conditions of the instrument are entered through the PC menu of the highly automated atomic absorption spectrophotometer.

Provide continuous peak height and peak area to determine absorbance, concentration and emission intensity. It

has four signal modes: atomic absorption, background absorption, background correction and emission intensity.

The integrated floating optical platform design greatly improves the shock resistance of the optical system, even if the optical signal is used for a long time, it can remain stable.

8 light towers, with simultaneous preheating, automatic rotary switch, automatic ignition, and automatic optimization of the working conditions of the hollow cathode lamp.

It has functions such as automatic wavelength scanning, automatic gain, background correction, automatic energy balance, and automatic peak finding according to the peak search method.

Perfect safety chain protection device: the system is not connected to the combustion head incorrectly, air leakage, air underpressure, abnormal flameout, etc., with alarm safety protection functions.

1-9 point standard concentration calibration, you can use a single standard slope to adjust the slope. Linear regression, curve fitting, linear and nonlinear standard addition determination, baseline compensation, mean and relative standard deviation and other functions.

Data processing: Super database, with up to 500 or more data from storage and power storage functions, EXCEL spreadsheet results save form, test methods and results can be called at any time.

The optional communication module with special equipment for soil testing and fertilization meets the communication requirements of the soil test standard (FERTREC) of the communication module.

Position adjustment: automatic setting of the optimal height of the flame burner and the front and rear positions

Test method: flame absorption method, flame emission

Result printing: all readings, measurement results, calibration curves and operating conditions.



Astra Scientific

www.astrascientific.com, **Email:** info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265