

Product Code . JL-PALE-9842



Atomic Absorption Spectrophometer

Description

Atomic Absorption Spectrophometer

Salient Features & Benefits

Microprocessor based, User friendly, Menu driven, with printer interface.

Optional PC Compatibility with Interface and MS Windows based Software for Data Acquisition, Processing, Storage, Retrieval, Interpretation of data.

Modes of Operation include Absorbance, Emission, Concentration & Standard addition.

Quick change and easy alignment of Hollow Cathode Lamps with Standard Warm-up-Facility .

Precise Vertical, Horizontal and rotational alignment of Titanium burner.

Self-Diagnostics.

Applications For analysis of various metallic constituents in:-

Soil

Fertilizer

Micro Nutrients

Plants

Pesticide

Foods

Water

Biological Matter

Metallurgy

Plating Coal

Petrochemicals

Glass

Cement

Steel

Others

Specifications:-

SPECTRAL	
Range	185 to 900 nm
Bandwidth	0.15 - 3.0 nm variable in steps of 0.15 nm
PHOTOMETRIC	
Range	0 to 2 Abs
Integration Time	0.01 to 99 Sec
LIGHT SOURCE	Hollow cathode lamp (HCL)
FLOW CONTROL	Integral Gas Control System with Panel purge meters
NEBULIZER	Pneumatic with 90% Platinum & 10% Iridium alloy capillary
MONOCHROMATOR	Czerny-Turner 1/3 m with 1200 lines/mm Holographic Diffraction Grating and Hard coated Optics
DETECTOR	Photo Multiplier Tube (PMT)
CONTROL	Microprocessor control system (Computer Interface)
DATA PRESENTATION	
Readout	2 line 24 characters dot matrix LCD panel with backlight
Hard Copy	Parallel Centronic Port
ACCESSORIES SUPPLIED	
With Instrument	Burner -100 mm, Nebulizer with SS Capillary