

Specifications for Double Beam Atomic Absorption Spectrophotometer

- Automatic selection of wave length, lamp current, PMT gain adjustment, data handling and storage of results through a PC.
- Double beam Ebert/Czerny-Turner/Littrow type monochromator with 1800 lines/mm holographic grating, 0 to 2nmSBW, 185 to 900nm wave length range with resolution <0.2nm.
- Slit 0.2nm-2.0nm variable with automatic setting.
- Fully motorized monochromator.
- Automatic motorized lamp turret for 6/8 lamps.
- Nebulizer – nebulizer integrated impact bead and jacket tip. Pt/Ir capillary.
- Polypropylene chamber.
- Burner - fixed back/forward position and burner height adjustable through software (Simply switching of Air/C₂H₂ and N₂O/ C₂H₂ burner) Titanium 10cm and 5cm slot burner
- Gas Control – software setting of flow rate, automatic air/N₂O switching system
- Ignition – push ignite button
- Software – software based on MS-Windows
- Visible display of the signal energy.
- Automatic safety inter locks for mains voltage, air, flame sensor, liquid trap, flash back and fuel supply.
- ACCESSORIES: PC with minimum of coreI3 processor, 4 GB RAM, Printer-LaserJet, Acetylene and Nitrous Oxide cylinder with regulator, air compressor, air filter, suitable capacity online UPS with atleast 30 min backup and consumables for 2 years operations.SS Exhaust Fume Hood with inert centrifugal blower, Instruction manual, Calibration Standards.
- Hollow cathode lamps for: Copper, Zinc, Iron, Arsenic, Lead, Aluminum, Cadmium, Manganese, Magnesium, Molybdenum, Potassium, Sodium, Calcium
- Warranty of 2 years