

Graphite Furnace Atomic Absorption Spectrometer

Model: Zeenit 350 P Analytikjena, Germany



Key Components of Zeenit 350 P

Source: Hollow Cathode Lamp

Atomiser: Pyrolytically coated graphite tube

Background correction: D₂ and Zeeman

Detector: Photomultiplier tube

Used for Analysis of Alkali, Alkaline Earth, Transition and Heavy metals

Nature of samples required for analysis: Liquid, Solid(needs dissolution)

Sample size normally required: For Solution: 1mL(for 1 element), For Solid: 0.2 g

Lowest measurement capability: ng mL⁻¹

Precautions for sample processing: Salt content of the solution to be analyzed should not exceed 20 mg L⁻¹. Acid concentration of the solution should not exceed 10%