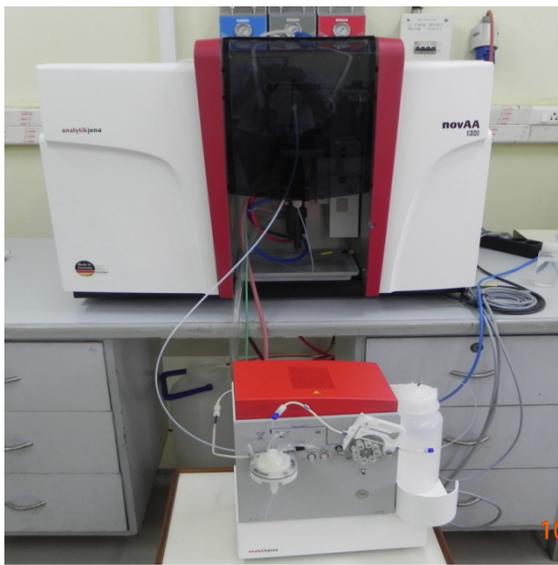


## Flame Atomic Absorption Spectrometer Model: novAA800F, Analytik Jena, Germany



### Key Components of novAA800F

**Source:** Hollow Cathode Lamp

**Atomiser:** Air Acetylene Flame and Hydride generation attachment

**Background correction:** D<sub>2</sub>

**Detector:** Solid state

**Used for Analysis of Alkali, Alkaline Earth, Transition and hydride forming elements**

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

**Sample size normally required:** For Solution: 10 mL(for 1 element), For Solid: 1 g

**Lowest measurement capability:**  $\mu\text{g mL}^{-1}$  &  $\text{ng mL}^{-1}$  for hydride forming elements

**Precautions for sample processing:** Salt content of the solution to be analyzed should not exceed  $20\text{ mg L}^{-1}$ . Acid concentration of the solution should not exceed 4%