

Elemental Analyser (C, H, N and S)

The C,H,N,S (O) analyser find a utility in determining the carbon, hydrogen, nitrogen, sulphur of organic compound based on the principle of “ Dumas method” which involves the complete instantaneous oxidation of the sample by “flash combustion” the combustion product are separated by chromatographic column and detected by thermal conductivity detector.

Make and Model:

Elementar (Germany) Vario Micro cube



Specification/ Features:

- High temperature combustion: quantitative sample digestion at 1200°C
- Largest weighing range:(>1mg to 800mg)
- Temperature Programmed Desorption (automated optimization of the time per analysis)

Available mode of use:

- Gas
- Solid
- Liquids

Whether the facility is open to external users: yes

Location:

Room no.: 370, Second Floor, Central Facility

Department: Department of Chemistry

Contact details: 022-25764159

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