

## 5. CHNS &O Analyzer

**Models:** Thermo Scientific FLASH 2000 Elemental Analyzer

### **Applications:**

1. The knowledge of percent Carbon, Nitrogen as well as Sulphur contents is indispensable in plant and soil research.
2. For example, the carbon and nitrogen content of soil is directly related to its ability to support healthy plant growth.
3. Similarly, the total organic carbon (TOC) analysis provides essential information about microbiological activity and organic matter which is used to characterize and evaluate soil and sediment.

