

UNICUBE trace

Organic C/N elemental analyzer

The analyzer determines particulate carbon (C) and nitrogen (N) at trace levels, using high-temperature combustion technology. The instrument is optimized for unattended, high-throughput analysis and is very high sample flexibility.



- Nitrogen and carbon determination by high-temperature combustion according to Dumas via a Thermal Conductivity Detector (TCD)
- Complete sample digestion at up to 1200 °C
- Peak separation without overlap via Temperature Programmed Desorption (TPD) technology
- Integrated 120 positions autosampler, reloadable during analysis
- <https://www.elementar.com/en/products/organic-elemental-analyzers/unicube-trace>
- Contact: Mira Granlund (firstname.surname@syke.fi)