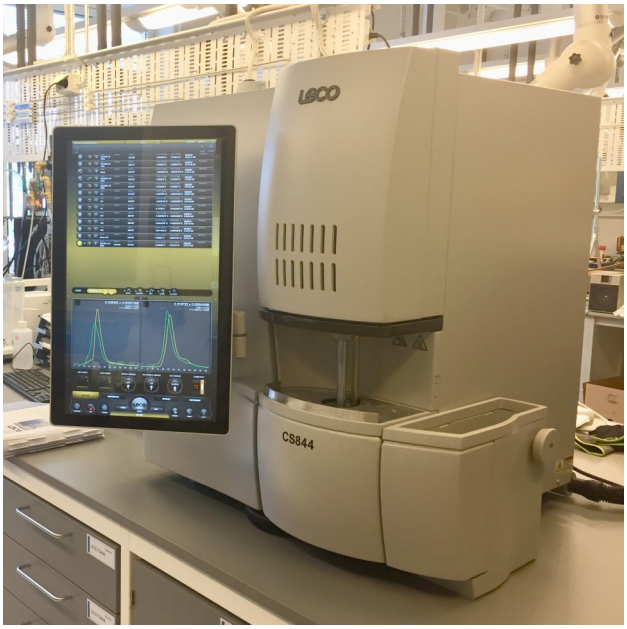
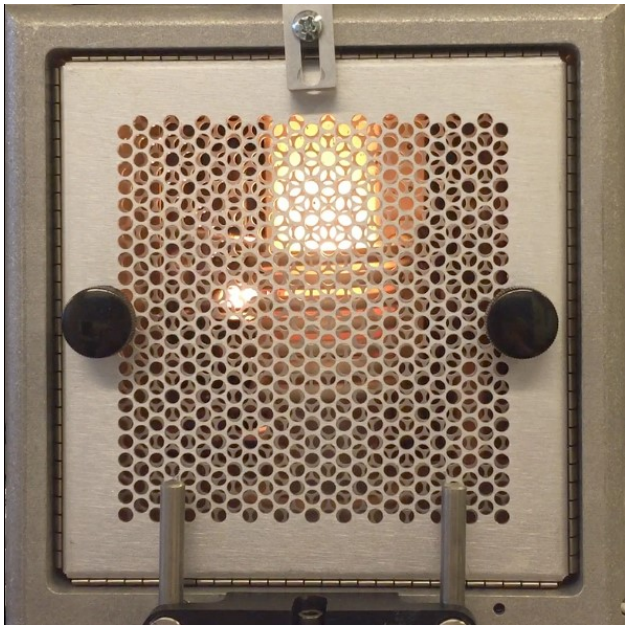
LECO CS844

Carbon and Sulfur in Inorganic Materials by the Combustion Infrared Detection Technique

- The instrument determines carbon and sulfur in primary steels, ores, finished metals, and other inorganic materials.
- Carbon and sulfur present in the sample are oxidized to CO_2 and SO_2 and are determined by non-dispersive infrared absoption.
- Instrument range:
  Carbon: 0.0006 to 60 mg (0.6 ppm to 6 %) in a 1 g sample.
  Sulphur: 0.0006 to 60 mg 0.6 ppm to 6 %) in a 1 g sample.
  By reducing the sample mass higher content of C ans S can be measured.
- Nominal sample size: 1 g.
- Analysis time: 40 sec (nominal) may vary based on method settings and application.



The LECO CS844


Combustion of a steel sample

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