

Analytical Equipment:

- Portable X-Ray Diffraction (XRD) Spectrometers
 - Terra Portable XRD - The Worlds first truly field portable XRD for mineral identification in the field.
- X-Ray Fluorescence (XRF) Spectrometers
 - Hire of Hand Held XRF analyser for in-situ elemental analysis of soils, ore, rock, core, mineral concentrate, alloy metals, etc.
- Particle Size and Shape Analyser:
 - Photo-optical Particle analysis.
Analyse grain sizes and grain shapes of dry and non-agglomerating particles in bulk materials in the measuring range from 10 µm to 400 µm.
- Carbon and Sulphur Analysers

Ideal for analysis of materials such as coal, coke, oil, cement, catalysts, mineral ores, soils, plants and many more.

 - Sulphur Analyser (Low Sulphur, High Sulphur or Dual Range)
 - Carbon Analyser (Carbon Only)
 - Sulphur & Carbon Analyser (Carbon and Low Sulphur, Carbon and High Sulphur or Carbon and Dual Range Sulphur)
- Thermogravimetric Analysers:

Volatile, Moisture and Ash analysis of Iron (and other) Ore, Coal and Organic materials

 - Automated systems with single or four furnace options
 - Temperature range of ambient to 1000°C
 - 40 Position Sample Tray
- Loss On Ignition / Moisture Analysers
 - Autoweigh Moisture Analyser
Moisture and Ash Analysis for the Coal, Feed and Food Industry.
Soil Moisture Testing and Loss on Ignition for the Mineral Industry.
 - Proximate Analyser for Coal Testing
- Nitrate and Ammonia Analyser
 - Analysis of up to 180 samples using Ion Selective Nitrate Probes
 - Adjustable for various analysis methods
- Automatic pH and EC Analysers
 - Measure pH and electronic conductivity of soil samples.