

Mobile Laboratories

Analytical



With the only fleet of mobile laboratories in North America featuring a hands-on experience with LECO products and specialists, LECO goes the extra mile to help you achieve the right results. Our unique mobile laboratories offer you the opportunity to see our state-of-the-art instrumentation in action, while discussing everything from methods to maintenance with knowledgeable LECO representatives. Below is a list of instruments currently being featured on the analytical mobile laboratory.



CN928 Carbon/Nitrogen Macro

The 928 Series offers rapid determination of macro sample sizes (up to 1 grams) in as little as 5.3 minutes for your characteristically heterogeneous, difficult-to-prepare, or low analyte level samples. Extended reagent lifetimes maximize lab efficiency and lower operating costs. Rugged design meets the demands of difficult applications.

TGM800 Thermogravimetric Moisture

Providing a high-precision, automated solution while meeting requirements of a primary loss-on-drying method; the TGM800 offers a number of time-saving features such as the ability to measure up to 16 samples at a time with drying time end-point recognition, and intuitive touch-screen software with flexible method settings. It is applicable to a wide variety of sample matrices including food, feeds, milled products, and agricultural materials, making it a versatile solution for many laboratories.



CS844 Carbon/Sulfur

The CS844 Series combines a proven combustion technique with state-of-the-art technological advancements for wide-range measurement of carbon and sulfur content of metals, ores, ceramics, and other inorganic materials. The CS844Es model provides enhanced sensitivity. An on-board software platform powered by a touch-screen interface increases usability and lowers cost-per-analysis. Optional autocleaner and autoloader are available. Ask for a demonstration of the new Cornerstone® Mobile option, which allows you to view instrument information from your mobile device or computer.

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EMPOWERING RESULTS

Elemental Analysis | GC Mass Spectrometry | Metallography



ON736 Oxygen/Nitrogen

The ON736 family of Elemental Analyzers is designed for routine measurement of oxygen and nitrogen content of inorganic materials, ferrous and nonferrous alloys, and refractory materials using the inert gas fusion technique. Ask for a demonstration of the new Cornerstone Mobile option, which allows you to view instrument information from your mobile device or computer.

SC832 Sulfur/Carbon

A high-efficiency combustion furnace, improved IR cell design, and a robust, rugged design make the 832 Series a valuable resource for any laboratory needing fast and accurate analysis of sulfur and/or carbon in organic materials including soils, coke, coal, and fuel oil. The 832 Series takes advantage of an on-board software platform powered by a touch-screen interface, increasing usability and operational control without using valuable bench space. An optional 100-sample capacity autoloader with rugged design improves operator workflow and increases productivity. The high temperature 832HT model is ideal for refractory sample analysis.



CN828 Carbon/Nitrogen

The CN828 delivers fast, accurate, and precise detection of carbon and nitrogen analysis in environmental and agricultural samples with an analysis cycle time of 2.8 minutes. The CN 828 Performance model includes an extended lower nitrogen range and the flexibility of a dual loop aliquot doser (10 cm³ and 3 cm³).

TGA801 Thermogravimetric

The TGA801 offers automated thermogravimetric analysis batch of up to 19 samples. It provides optimized analysis time using automatic end point recognition based upon sample mass constancy. Determine multiple constituents such as moisture/ash, volatile content, and LOI from a single sample in various organic, inorganic, and synthetic materials.



AMH55 Automated Hardness Tester

Maximize productivity and easily measure impressions on various surface conditions for a wide number of applications with the AMH55. The AMH55 features LECO's innovative Cornerstone brand software for increased usability, simplified reporting, and streamlined analysis times. Available in lite, semi-automatic, and automatic configurations to meet your hardness testing needs.

Pegasus BTX GC-MS

The Pegasus BT series has proven reliability in labs performing unbiased, non-targeted analyses and tackling difficult matrices. A diverse spectrum of investigators—including those in industries like Petroleum, Life Sciences, Environmental, Pharmaceutical, Aroma-Flavor-Fragrance, Food Safety, and others—have gained deeper insights into the complex chemistries of their samples with a LECO Pegasus.



Visit <https://www.leco.com/resources/mobile-labs>

Mobile Laboratory configurations may change. | Consult LECO for latest information.
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