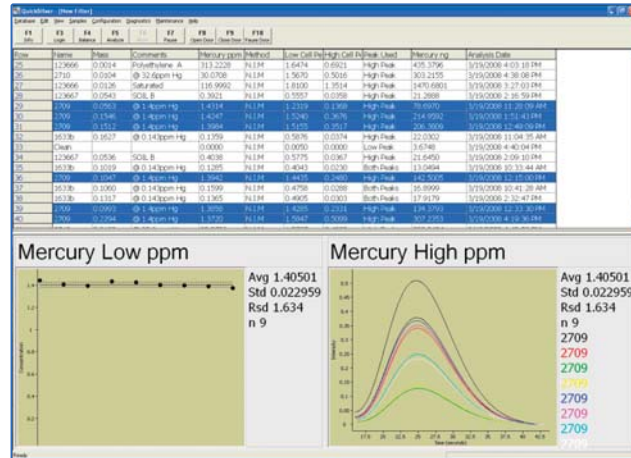
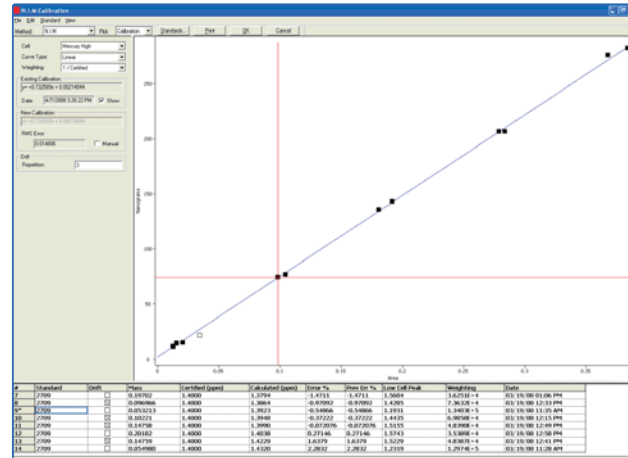


Easy-to-Use Windows-Based Operating Software Quicksilver

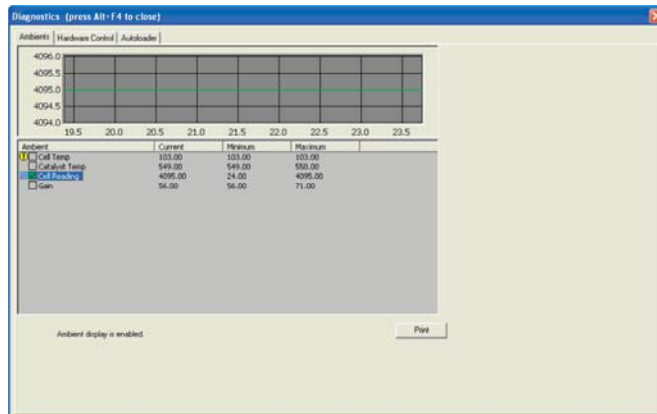
With virtually unlimited storage space and compatibility with various Laboratory Information Management Systems (LIMS), Quicksilver software is designed for seamless interaction with any operator or customer environment. A convenient on-board help manual allows quick access to information without leaving the instrument. The Quicksilver software also supports compliance to FDA regulations 21 CFR Part 11 for a closed analytical system.



Seamlessly manage data and plots with statistical calculations



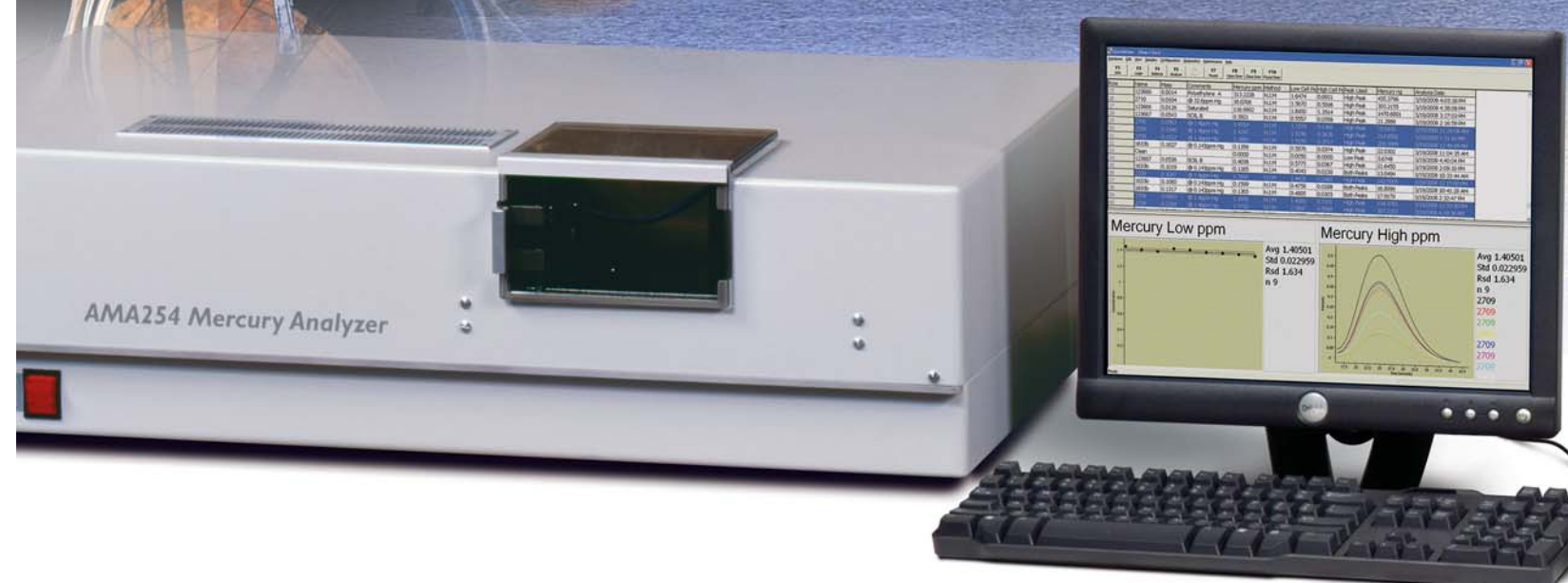
Perform calibrations and drift corrections



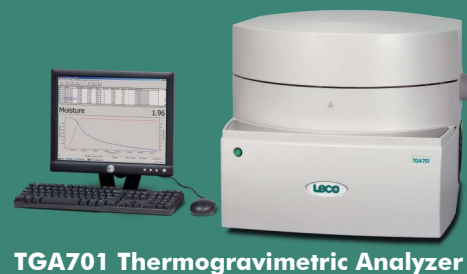
Monitor real-time diagnostics of internal components



Build and customize method parameters for your applications



LECO—Your source for total analytical solutions.



TGA701 Thermogravimetric Analyzer

SC632 Sulfur/Carbon Determinator



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LECO
Delivering the Right Results

LECO
AMA254 Mercury Analysis

AMA254 Mercury Analyzer

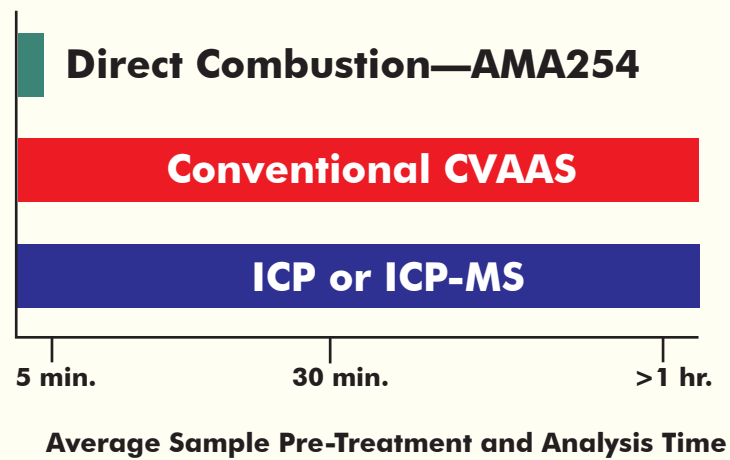
Your total solution for fast, safe, and accurate mercury determination.

LECO's AMA254 determines trace amounts of mercury in various materials—including coal, combustion residues, soils, biological samples, and other solid/liquid samples.

The AMA254 technique of direct combustion features a combustion/catalyst tube that decomposes the sample in an oxygen-rich environment and removes interfering elements. A gold amalgamator trap collects all mercury from the evolved gases and a dual-path length cuvette/spectrophotometer specifically determines mercury over a wide dynamic range.

With recent method approvals by the EPA and ASTM, the AMA254 offers a fast, cost-effective alternative to conventional CVAAS or ICP. This unique system combusts various matrices without sample pre-treatment or concentration steps—saving you valuable time. The instrument requires no hazardous chemicals, providing a mercury determination in approximately five minutes.

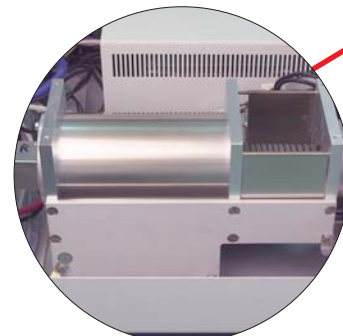
AMA254 Time Advantage



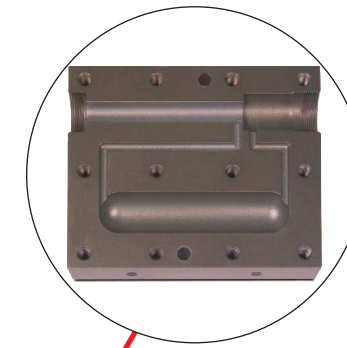
Service & Support
LECO's state-of-the-art service department offers **SmartLine**® (a remote instrument diagnostic program) and interactive on-line support through our Live Service Chat.



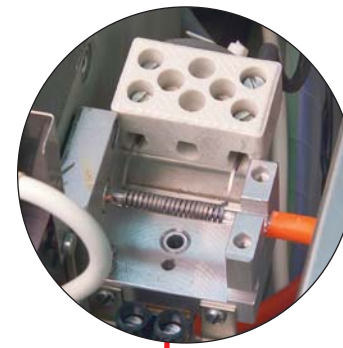
Combustion/Catalyst Tube
Combustion in an oxygen-rich environment (~750° C).



Autoloader
Rotating carousel holds up to 45 nickel sample boats; boats are automatically inserted into the combustion/catalyst tube.



Cuvette System
Detection system based on a standard atomic absorption spectrophotometer at a specific wavelength (253.7 nm).
Dual-path length cuvette expands the dynamic range from the ppb level to the ppm level.



Amalgamator
Traps all mercury vapor on a gold-plated ceramic tube; doses the mercury to the cuvette system through flash heating.



Sample Boats
Nickel boats hold up to 500 mg of various liquid and solid samples.



User Interface
Windows®-based operating software (**Quicksilver**®) with customizable reporting and data exporting capability.