

RC612

Multiphase Carbon and Water



LECO
EMPOWERING RESULTS

RC612 Multiphase Carbon and Water

Get fast, reliable carbon and water determination with the RC612. This instrument determines various forms of carbon while accurately determining water content in a wide variety of organic and inorganic materials. A small footprint, external PC with easy-to-use operating software, and increased instrument robustness are all a part of the advanced RC612 design.



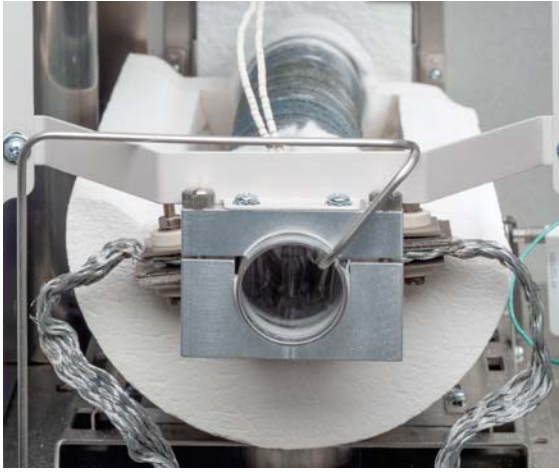
RC612 Advantages

A variety of features have been constructed into the design of the RC612 to answer the needs of our customers.

- Exclusive ECLIPSE architecture—a unique design by LECO that improves reliability and serviceability
- Improved plumbing—streamlined and efficient for faster maintenance of flow path
- Accessible components—easily accessible to the operator thanks to ergonomic shells
- Advanced furnace control system—allows temperature ramping from 25 °C to 1100 °C

Additional Software Features

- Blank and drift correction
- Ethernet LAN protocol
- Expanded service diagnostics, including compatibility to **SmartLine®** Remote Diagnostics



Furnace Safety and Maintenance

A compact and enclosed furnace system with easily accessible combustion tube increases instrument safety and reduces maintenance time.



Easy-to-Install Combustion Tube

Installation of the tube is quick and easy due to a block design with a larger, more robust tube end.



Solid-State Infrared Detection

LECO designed IR cells offer a longer emitter life, low cross-talk between elements, and wide dynamic ranges for minimized maintenance and expanded operator flexibility.

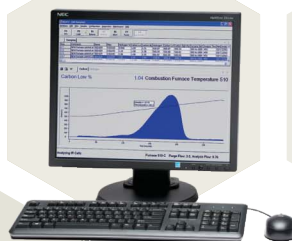


High Capacity Reagent Train Design

Extended-life reagent tubes are protected behind an ergonomically designed casing.

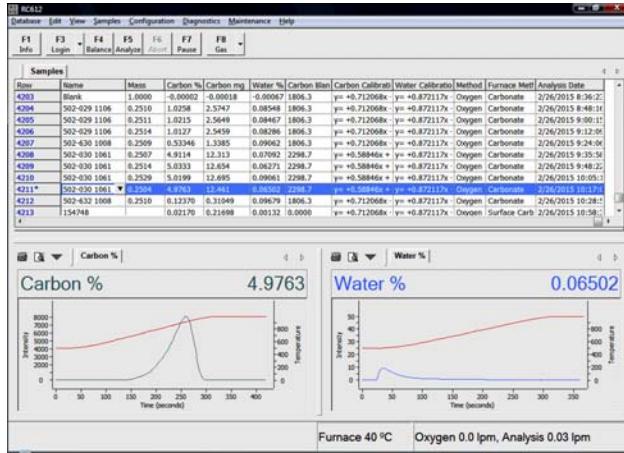
Optional Autoloader

- 50-sample capacity for up to several hours of unattended analysis
- Five stackable carousels hold ten samples each
- Sequential or non-sequential analysis for great sample flexibility
- Dependable stepper encoder motors with low-maintenance rails to improve robustness and reliability

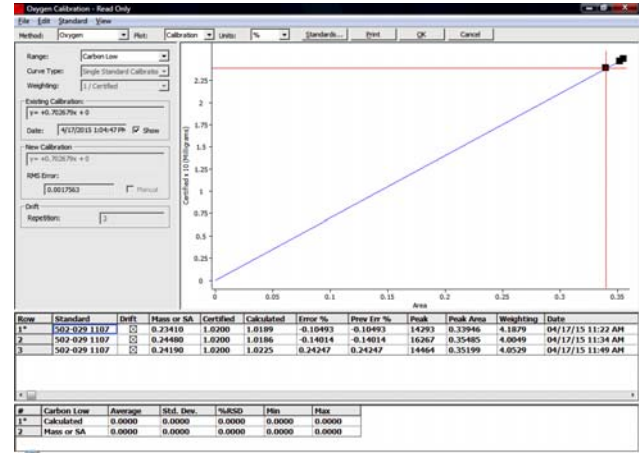


Easy-to-Use Operating Software

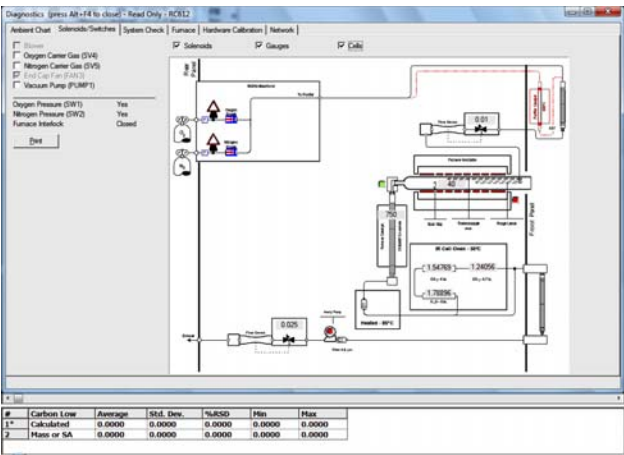
Simplified data handling, customizable data reporting/exporting, and a number of user-defined settings make the RC612 software flexible and easy to operate. With virtually unlimited storage space and compatibility with various Laboratory Information Management Systems (LIMS), this software is designed for seamless interaction with any operator or customer environment. A convenient on-board help manual allows quick access to information without leaving the instrument. Compatible to **SmartLine** Remote Diagnostics application.



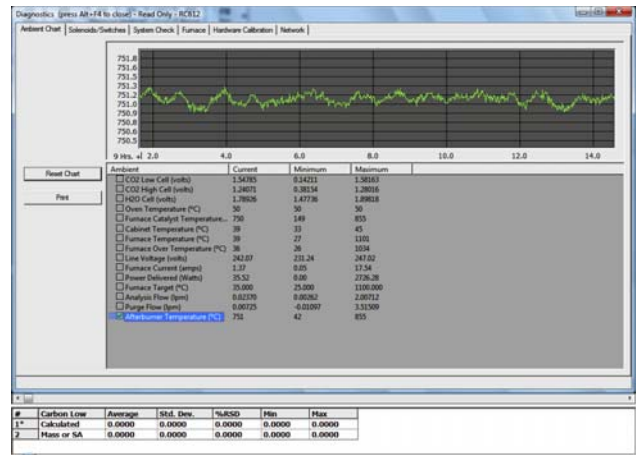
Manage data and graphs seamlessly.



Perform simple calibrations and drift corrections.



Monitor internal components during analysis.



Expanded interactive diagnostic screens help troubleshoot problems faster and easier.

LECO—Your source for total analytical solutions

ON736
Oxygen/Nitrogen
Series



GDS900
Glow Discharge
Spectrometer



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