RC612 Multiphase Carbon and Water

Delivering the Right Results

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Get fast, reliable carbon and water determination with the RC612. This state-of-the-art 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

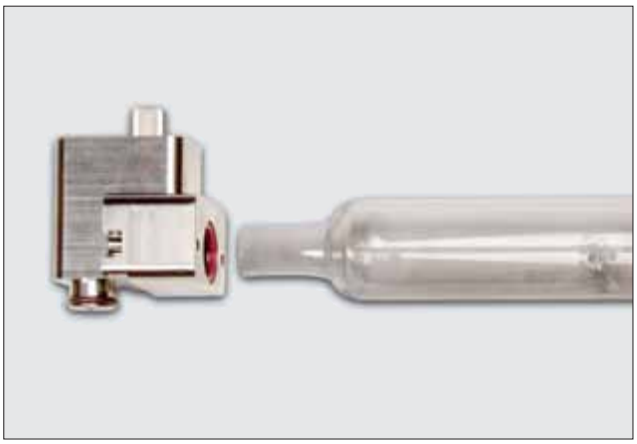
A variety of features have been constructed into the design of the RC612 to answer the needs of our customers.

- 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
- State-of-the-art furnace control system—allows temperature ramping from 25° to 1100°C

Additional Software Features

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

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



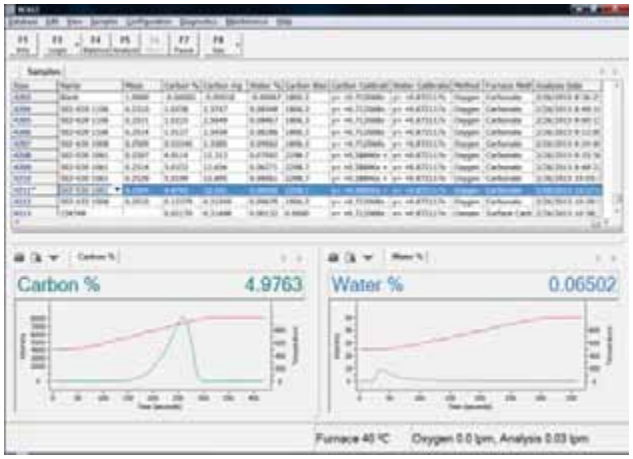
Easy-to-Install Combustion Tube
Installation of the tube is quick and easy due to a block design with a larger, more robust tube end.

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

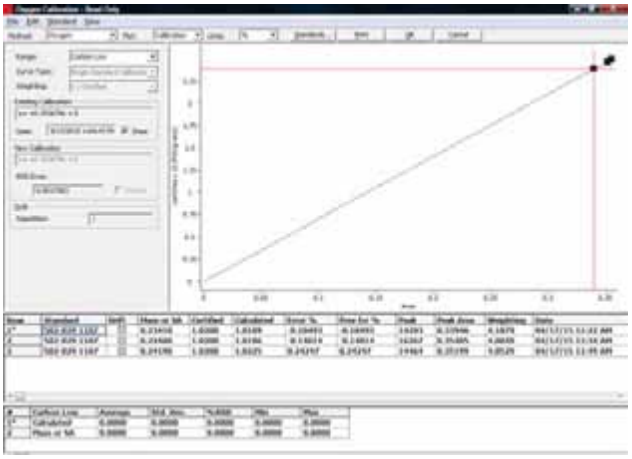
New Reagent Train Design
Newly designed, extended-life anhydrone tubes are protected behind an ergonomically designed casting.

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-maintenace rails to improve robustness and reliability

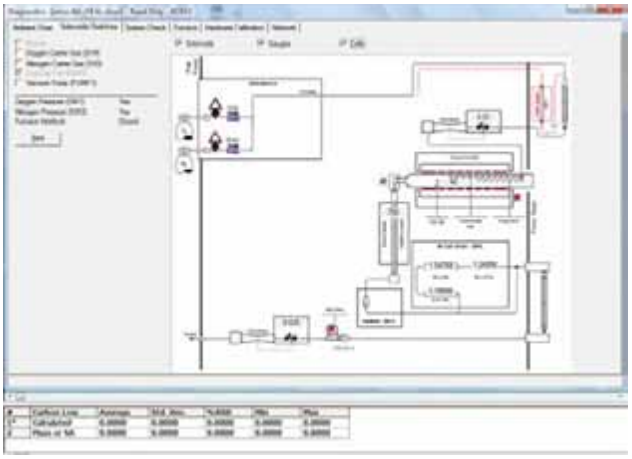
Easy-To-Use Windows®-Based Operating Software



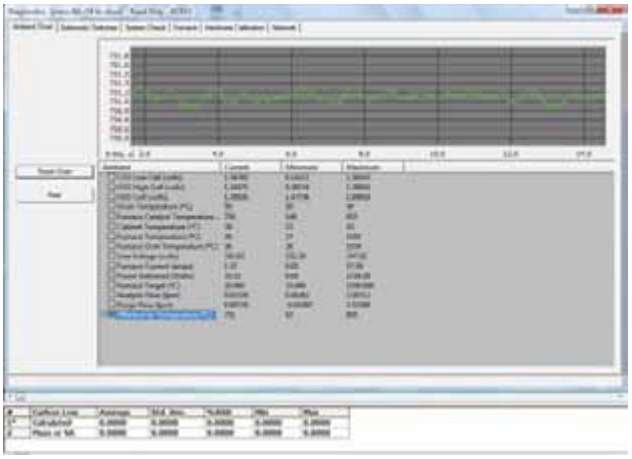
Manage data and graphs seamlessly.



Perform simple calibrations and drift corrections.



Monitor internal components during analysis.



Expanded interactive diagnostic screens help troubleshoot problems faster and easier.

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