

ONH836 Series: Oxygen/Nitrogen/Hydrogen by Fusion





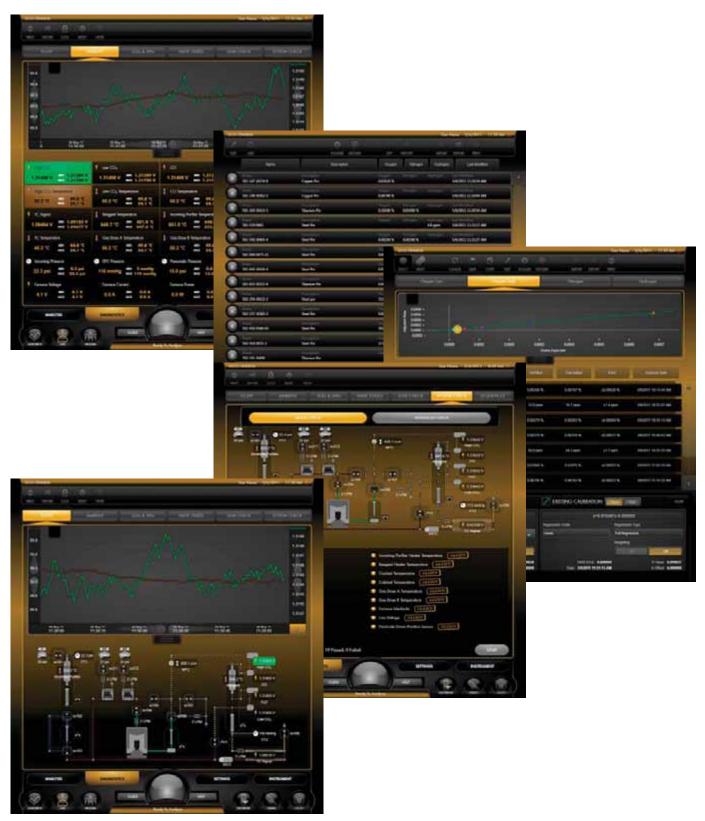
User-Friendly Cornerstone™ Software

LECO's exclusive Cornerstone software with touch interface enables the user to have complete access to analysis control, method settings, diagnostics, reporting, and more in a highly organized and immersive environment. Designed through a collaboration of customer feedback and innovative engineering, Cornerstone allows the user to conduct all of their day-to-day operations within a single Analysis screen designed for speed and ease of use. Our innovative grouping of sample data into sets and replicates simplifies the data output and automatically calculates relevant statistics, alleviating the need for additional data processing.



Software Features & Benefits

Cornerstone software is divided into four main sections—Analysis Diagnostics, Settings and Instrument—for simplified navigation and organization. Toolbars, sliders and drop-down menus make it easy to set parameters for calibration and data processing. The software also includes real-time ambient monitors, with fully animated system diagrams. Advanced diagnostic features include a thorough digital on-board manual, maintenance animations, photo illustrations, and screen captures that quickly provide the direction needed without having to refer to multiple manuals. Cornerstone software also supports extended data archiving and flexible reporting capabilities.



Instrument Highlights and Features





Features and Benefits

- LED light ring illuminates the furnace area
- Quick-removal finish scrubber features automatic bypass valve
- Patented Dynamic Flow Compensation ensures stable flow to the TC detector with high oxygen scrubbing
- Non-touch interface systems also available



High-Efficiency Cooling System

- Reduces or eliminates the need for external cooling
- Dual DC cooling fans provide consistent cooling regardless of line voltage or frequency
- Novel electrode design increases heat transfer efficiency

Optional Automation

- Available autocleaner minimizes the need for manual cleaning between analyses
- Optional 20-sample batch or 100-sample process loaders available
- High-velocity vacuum cleaner design keeps dust and soot to a minimum





Improved Detector Design

- Thermostatic construction provides increased protection from ambient temperature fluctuations
- Long-life emitter drive and drift-free detection circuitry improves long-term stability
- Oxygen determination with both CO₂ and CO detectors for complete gas characterization and expanded range

Models

ONH836 True Simultaneous Oxygen/Nitrogen/Hydrogen Specification Sheet 209-215-001

ON836 True Simultaneous Oxygen/Nitrogen Specification Sheet 209-215-002

OH836 True Simultaneous Oxygen/ Hydrogen Specification Sheet 209-215-003

NH836 True Simultaneous Nitrogen/Hydrogen Specification Sheet 209-215-004

O836 Oxygen Specification Sheet 209-215-005

N836 Nitrogen Specification Sheet 209-215-006

H836 Hydrogen Specification Sheet 209-215-007

Options

Sample Autoloader	Printer	Interfaced Balance Kit	- Smart/Line* Remote Diagnostics
Recirculating Chiller	Power Purifier	Liquid-to-Liquid Heat Exchanger	

LECO—Your source for total analytical solutions



CS844 Series: Carbon/Sulfur by Combustion

- Carbon and sulfur determination by combustion infrared detection
- Quick, accurate, and affordable determination for both production control and research
- Calibration, analysis, evaluation, and diagnostic functions accessible via user-friendly software

GDS500A and GDS850A Atomic Emission Spectrometers

- Spectral range from 120 to 800 nm
- Continuous profile of concentration/thickness
- Large, dynamic range with concentrations from ppm to 100% by weight
- Short analysis time (minutes)





Form No. 209-215

Inorganic Consumables

Get the best results from your LECO instrument by using genuine LECO consumables. Visit www.leco.com for featured items, specials, and ordering information. (Form number 203-959)