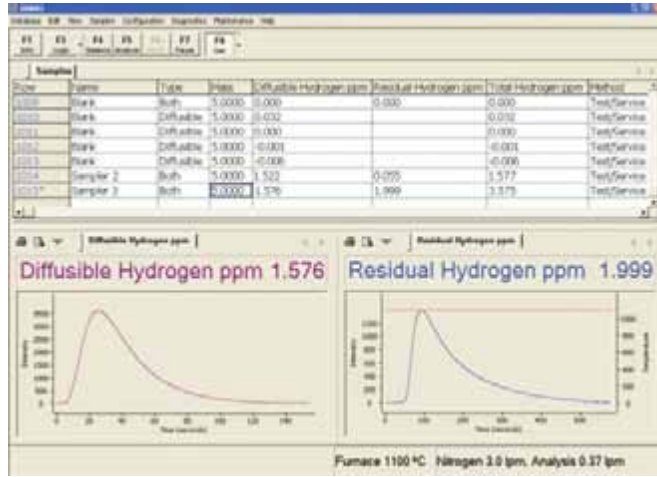
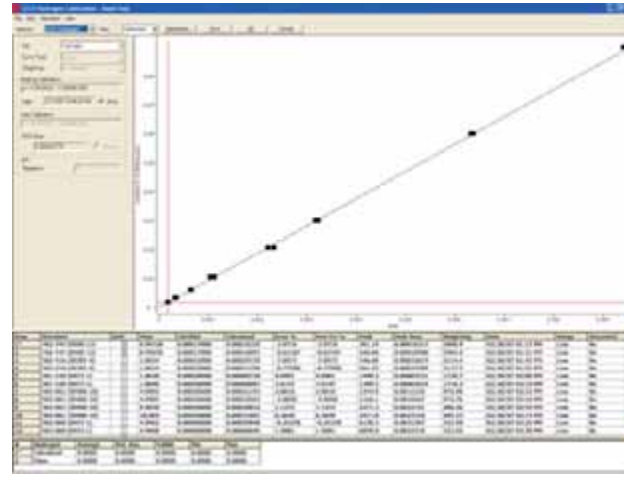


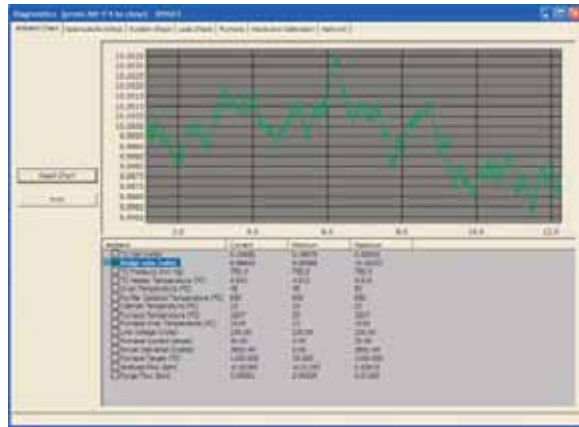
Easy-To-Use Windows®-Based  
Operating Software



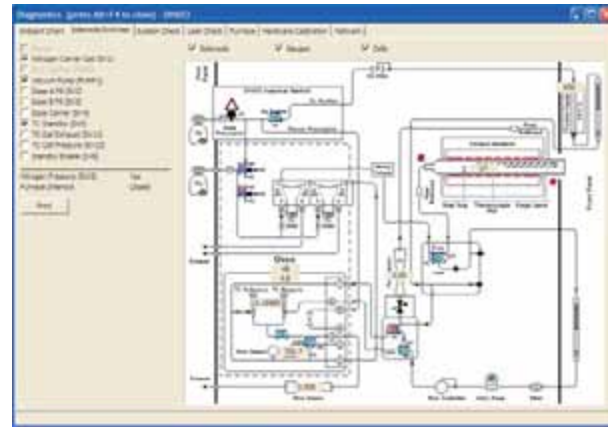
Manage data and graphs seamlessly.



Perform simple calibrations and drift corrections.



Monitor internal components during analysis.



Expanded interactive diagnostic screens help troubleshoot problems faster and easier.



**LECO—Your source for total analytical solutions**

**TC400**  
Nitrogen/Oxygen



**GDS500A**  
Glow Discharge  
Spectrometer



3000 Lakeview Avenue • St. Joseph, MI 49085 • Phone: 800-292-6141 • Fax: 269-982-8977  
info@leco.com • www.leco.com • ISO-9001:2000 • No. FM 24045 • LECO is a registered trademark of LECO Corporation.

**LECO**  
Delivering the Right Results

**LECO**  
DH603 Hydrogen

# DH603 Hydrogen

Get fast, high-precision residual, diffusible, and total hydrogen determinations with the DH603. This state-of-the-art instrument determines the amount of residual hydrogen (or diffusible and residual hydrogen when equipped with the optional integrated sample piercer) present in ferrous alloys. A small footprint, external PC with user-friendly operating software, and increased instrument safety and robustness are all a part of the advanced DH603 design.

## DH603 Advantages

**A variety of features have been constructed into the design of the DH603 to answer the needs of our customers.**

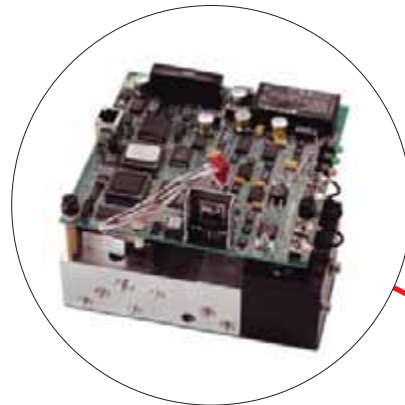
- Exclusive ECLIPSE architecture—a unique design by LECO that improves reliability and serviceability
- Improved plumbing—streamlined and efficient for faster maintenance of flow path
- Accessible components—easily accessible to the operator thanks to ergonomic shells
- Fixed furnace—more robust than tilting and vibrating designs
- State-of-the-art furnace control system—allows temperature ramping from ambient to 1100°C
- Optional diffusible sample piercer—choice of diffusible/residual/total hydrogen determination
- Gas dose calibration—allows calibration without reference materials

### Additional Software Features

- Blank and drift correction
- Scheduled wake-up feature to allow timed instrument start-up, reducing equilibration time
- Ethernet LAN protocol
- Expanded service diagnostics, including compatibility to ~~SmartLine~~ Remote Diagnostics
- Software supports data validation with electronic signature

### Thermal Conductivity Detection

State-of-the-art TC detector offers greater signal-to-noise ratio, lower detection limits, improved stability, and expanded dynamic range to minimize maintenance and enhance operator flexibility

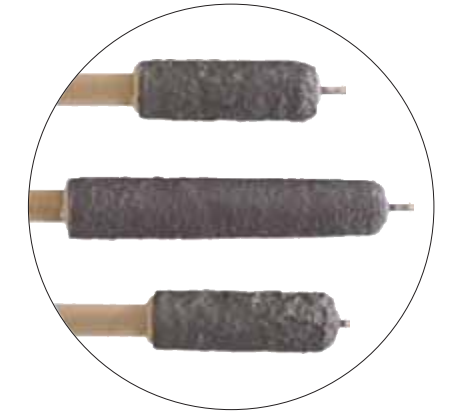
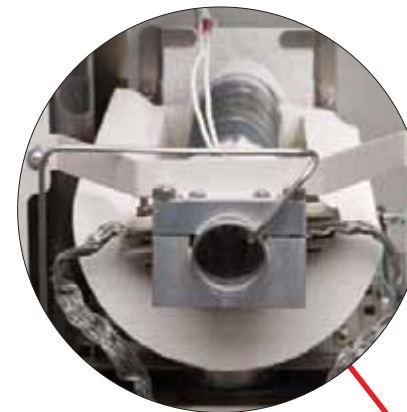


### Easy-to-Use Windows®-Based Operating Software

The DH603 is controlled by an external PC using a Windows-based operating system featuring advanced furnace control, diagnostics, and calibration

### Improved Furnace Reliability

Newly designed furnace system is more robust, stationary, and housed within the ergonomic shell—decreasing maintenance and improving reliability and safety



### Variety of Sampler Options

LECO offers a variety of evacuated pin tubes and diffusable samplers for quick and easy hydrogen determination of molten metals



### Optional Diffusible Piercer

Newly designed integrated system features long-life needles and seals improving reliability and precision