



CGA – Product Overview



G4 ICARUS “HF” – Carbon & Sulfur Analysis

Adjustable High-frequency (HF) induction furnace including viewing port

Lance-Free furnace design with extraction nozzle to minimize splatters and extend combustion tube lifetime

New UV Absorption Detector for SO₂, LED based, lowest signal to noise ratio and widest dynamic range (1ppm to 10% @ 1g weight)

Unmatched, brush- and vacuum-free furnace cleaning

G8 GALILEO / G6 LEONARDO Oxygen, Nitrogen & Hydrogen Analysis

Programmable Electrode Furnace with easy maintenance

Integrated optical pyrometer for real time temperature detection and method set-up

Direct detection of Oxygen (as CO with NDIR), Nitrogen and Hydrogen (as N₂/H₂ with TCD)

ADD ON for diffusible or trapped Hydrogen or Argon Analysis

Automatic Furnace Cleaning, Crucible and Sample Changer

Ambient pressure gas flow design to reduce leakages



G4 PHOENIX DH – Diffusible Hydrogen Analysis

Fast and water cooled Infrared Furnace up to 900°C, Ø 30mm

Direct temperature detection and control on the sample

Full automatic gas calibration unit, 10 certified volumes

Programmable methods according to official welding norms (e.g. ISO 3690, AWS 4.3, JIS 31118,...)

High Sense TC Detector using reference flow technology

Additional Mass Spec Detector for Hydrogen Traps (TDMS)

Additional wire-heated furnace up to 1100°C

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