



## TESTAPPARAAT VOOR KOOL & COKES PROEFFABRIEK

**Detailed information is available in our dedicated Coal, Coke & Iron Ore Testing Furnaces brochure (please download above).**

Carbolite has developed a range of coal and coke testing furnaces and ovens for proximate analysis to qualitatively assess or, quantitatively measure, the amount of moisture, ash, volatile matter and fixed carbon in coal samples. Other products are also available for the determination of coke reactivity, iron ore reducibility, ash fusibility, swelling number index, expansion and contraction of coal and caking properties.

The range of coal and coke tests carried out in a furnace or oven has grown over many years, and Carbolite has responded to the requirements of each new standard by designing a product to suit the specific requirements of each test method.

The range includes bench top laboratory models for routine testing and large pilot plant scale products, some of which are unique to Carbolite, such as the variable width hearth moving wall coking oven which can be found in coal research facilities as well as large steel producing plants around the world.

The Carbolite range of products meets the requirements of the relevant international ISO, ASTM, EN, BS, and DIN test methods.

**Pilot plant scale coal & coke test furnaces by Carbolite include:**

- | SHO - Single Sole Heated Oven
- | CRI - Coke Reactivity Furnace
- | CSR - Coke Strength after Reduction Furnace
- | CTO 7 - Fixed Wall Coke Test Oven
- | MWO - Moving Wall Coking Test Oven
- | GK - Gray King Coke Test Furnace
- | IOR - Iron Ore Reducibility Furnace
- | GLO - Coal Characterisation Furnace
- | LTD - Low Temperature Reduction Furnace



[Klik om video te bekijken](#)

Product Video: CRI - Coke Reactivity Furnace



[Klik om video te bekijken](#)

Product Video: IOR - Ijzererts reduceerbaarheid oven



CRI - Coke Reactivity Furnace



MWO 227 kg - Variabele Breette  
Bewegende Muur  
Verkooksing Test Oven



GLO 40/11-1G - Kolen  
karakterisering oven



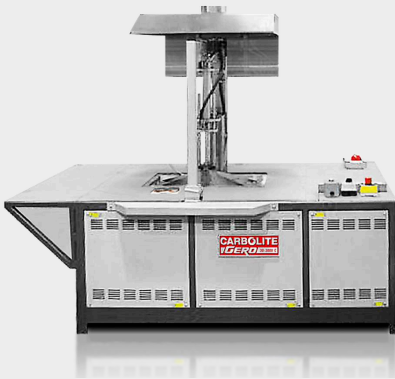
IOT - ijzer erts Ore beker



CSR - Coke sterkte na reductie I-  
Tester/Tuimelaar



CTO 7 - Coke test wandoven



SHO - Enkelzijdige  
verwarmingsoven



IOR - Ijzererts  
reducerbaarheid oven



GK - Grijs King Cokes Test oven



LTD - Lage reductietemperatuur -  
Ontbinding van ijzererts



CSI-CSR

[www.carbolite.com/pilot-plant](http://www.carbolite.com/pilot-plant)