



## ECHIPAMENT STAȚIE PILOT CĂRBUNE & COCS

**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



[Click pentru video](#)

Video Produs: CRI - Cuptor de reactivitate a calaminei



[Click pentru video](#)

Video Produs: IOR - Cuptor de Reductibilitate pentru  
Minereu de Fier



CRI - Cuptor de reactivitate a  
calaminei



MWO 227 kg - Etuvă de  
testare a cocsificării cu  
lungime variabilă și  
montare pe perete mobil



GLO 40/11-IG - Cuptor de  
determinare pentru cărbune



IOT - Tambur de Curățat Piese Turnate  
din Minereu de Fier



CSR - Rezistența calaminei după Testul I de Reducție /  
Tambur de curățat



CTO 7 - Etuvă de testare a calaminei  
cu fixare pe perete



SHO - Etuvă încălzită cu o singură bază



IOR - Cuptor de Reductibilitate pentru  
Minereu de Fier



GK - Cuptor de testare pentru  
cocs Gray King



LTD - Reducție cu  
Temperatură Joasă -  
Dezintegrarea Minereului  
de Fier



CSI-CSR

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