

CS-8800C Infrared Carbon Sulfur Analyzer



Picture Just for Reference

I. Applications

CS-8800C High-Frequency Infrared Carbon & Sulfur Analyzer is used to measure mass fraction of carbon and sulfur in steel, iron, alloy, casting core sand, nonferrous metals, cement, ore, coke, catalyst, magnetic materials, ceramics, inorganic matter, graphite, refractory materials, battery materials, plants and other materials. And mainly used in new energy, metallurgy, mechanical, mine, inspection, nuclear industry, coal, automobile, shipping, aviation, food, aerospace, building materials, university, geology, petrochemical and so on.

II. Instrument technical parameters

Items	Index
Analysis theory	High-frequency furnace burn infrared absorptive detection.
Range of measurement	C: 0.00001%-10.0000% (can extend to 99.99999%) S: 0.00001%-6.0000% (can extend to 99.9999%)
Analytical error	Accord with GB/T20123-2006/ISO 1535:2000 standard
Analysis precision	C:≤RSD0.5%. S:RSD≤1.0%
Sensibility(Min. reading)	0.11ppm
Detection point	C:C Pond(can add low C pond) S:S Pond(can add high s pond)
Time of analysis	20-100s can setting(usually 35s)
High-frequency furnace	Power≥2.7KVA oscillation frequency:20MHz
Electronic balance	Weight the sample in variable amount Accuracy o reading:0.0001g
Working environment	Indoor temperature:10-30% Relative humidity:<75% Voltage:AC220V±5% Frequency50H±2%

HST GROUP Co., LTD.

NO. 4915, West Jingshi Road, Jinan 250012, PR CHINA.

Tel: +86-159 1008 1986

www.hssdgroup.com - e-mail: admin@hssdtest.com