

CS-8800S High Frequency Infrared Carbon Sulphur Analyser



Picture Just for Reference

I. Applications

CS-8800S High-frequency Infrared Carbon & Sulfur Analyzer is used to new power energy, metallurgy, mechanical, mine, inspection, nuclear industry, coal, automobile, shipping, aviation, building materials, university, geology, petrochemical and so on. It 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.

II. Instrument technical parameters

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Analysis theory	High-frequency furnace burn infrared absorptive detection.
Range of measurement	C: 0.000001%~99.999999% S: 0.000001%~99.999999%
Analytical error	Accord with ISO9556/ ISO4935/ JJG395-97
Analysis precision	C:≤RSD0.5%. S:RSD≤1.0%
Sensibility (Min. reading)	0.01ppm
Detection point	Carbon: Carbon cell (can add low carbon cell) Sulfur: Sulfur cell (can add high sulfur cell)
Time of analysis	20-60s can setting (usually 35s)
High-frequency furnace	Power≥2.5KVA—7.5KVA oscillation frequency:20MHz
Electronic balance	Weight the sample in variable amount Accuracy of 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