

HSCS-8820 Infrared Carbon Sulphur Analyser Used In Building Materials



Picture Just for Reference

I. Applications

HSCS-8820 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

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Measuring range	C:0.0001%-10.0000% (can extend to 99.9999%)

	S:0.0001%-3.5%000% (can extend to 99.9999%)
Analysis of error	With GB/T20123-2006/ISO15350:2000standard
Analysis time	25-60seconds can be set (usually 35 seconds)
High frequency furnace	Power $\geq$ 2.7KVA oscillation frequency:20MHz
Electronic balance	Weight the sample in variable amount accuracy of reading: 0.0001g
Working environment	Indoor temperature: 10℃-30℃; relative humidity: <90%
Power supply	Voltage: AC220V $\pm$ 5%, frequency50Hz $\pm$ 2%
Oxygen	Purity: $\geq$ 99.5%, input pressure:0.18Mpa+5%

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