

Benchtop Carbon Sulphur Analyser For Metals And Inorganic Samples



Product introduction

HSCS-8820S Type High-frequency Infrared Carbon & Sulfur Analyzer compatible applying with W F-L88 Type High frequency automatic inductive combustion furnace, can fleetly and exactly measure the carbon and sulfur in steel, iron, alloy, nonferrous metals, cement, ore, coal and other materials. This equipment is a high-tech products integrate light, motor, electronic, computer and analysis technology, with features of wide measuring scope, strong anti interference, multiple function, easy to operate, accurate and reliable analysis result.

Technical Parameters

Item	Index
Measurement Range	Carbon: 0.0001%-15.0000% (can be expanded to 99.9999%) Sulfur: 0.0001%-10.0000% (can be expanded to 99.9999%)
Analysis Error	Up to standard of GB/T20123-2006/ISO15350: 2000

Analysis Time

Adjustable within 25-60 s (Normally around 35 s)

High-Frequency Furnace

Power $\geq$ 2.5kVA, Frequency: 18MHz

Electronic Scales

Non-quantitative weighing, Reading Precision:0.0001g

Working Environment

Room Temperature: 10-30℃, Relative Humidity: Less than 90%

Power Supply

It is required to keep good earthing. Voltage AC220V $\pm$ 5%, Frequency
50Hz $\pm$ 2%

Oxygen

Purity $\geq$ 99.5%, Input Pressure: 0.18MPa $\pm$ 5%

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