

CS-8820S High Frequency Infrared Carbon Sulfur Analyzer



Picture Just for Reference

I. Applications

CS-8820S carbon sulfur analyzer combines with high-frequency induction burner, it is a high-tech product the which based on light, machine, electricity, computer, analytical skills, it has characteristics of wide measuring range and the results of analysis is accuracy and reliable. Because of adopting computer technology, intelligent equipment, screen display, text and data collection, deal with problems and so on have reached the advanced the world level, more industries detect carbon and sulfur elements in this analysis equipment. The key components adopt high quality elements to ensure the instrument stability and high quality.

CS-8820S 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, ceramics, inorganic matter and other materials.

II. Instrument 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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