

5E-IRSII Infrared Sulfur Analyzer

Standard Configuration

Computer	A/C adapter	Crucibles	Boat stop
Printer	H ₂ O sorb reagent	Outer combustion tube	O-ring kit
Main analyzer	Silica wool	Inner combustion tube	Tool kit
Standard Reference Material(GBW)			



Application

5E-IRSII Automatic Infrared Sulfur Analyzer is used to determine the total sulfur content by infrared absorption, which is widely applied in power plants, coal mines, metallurgy, chemical industry, commercial inspection, scientific research, etc.

Features

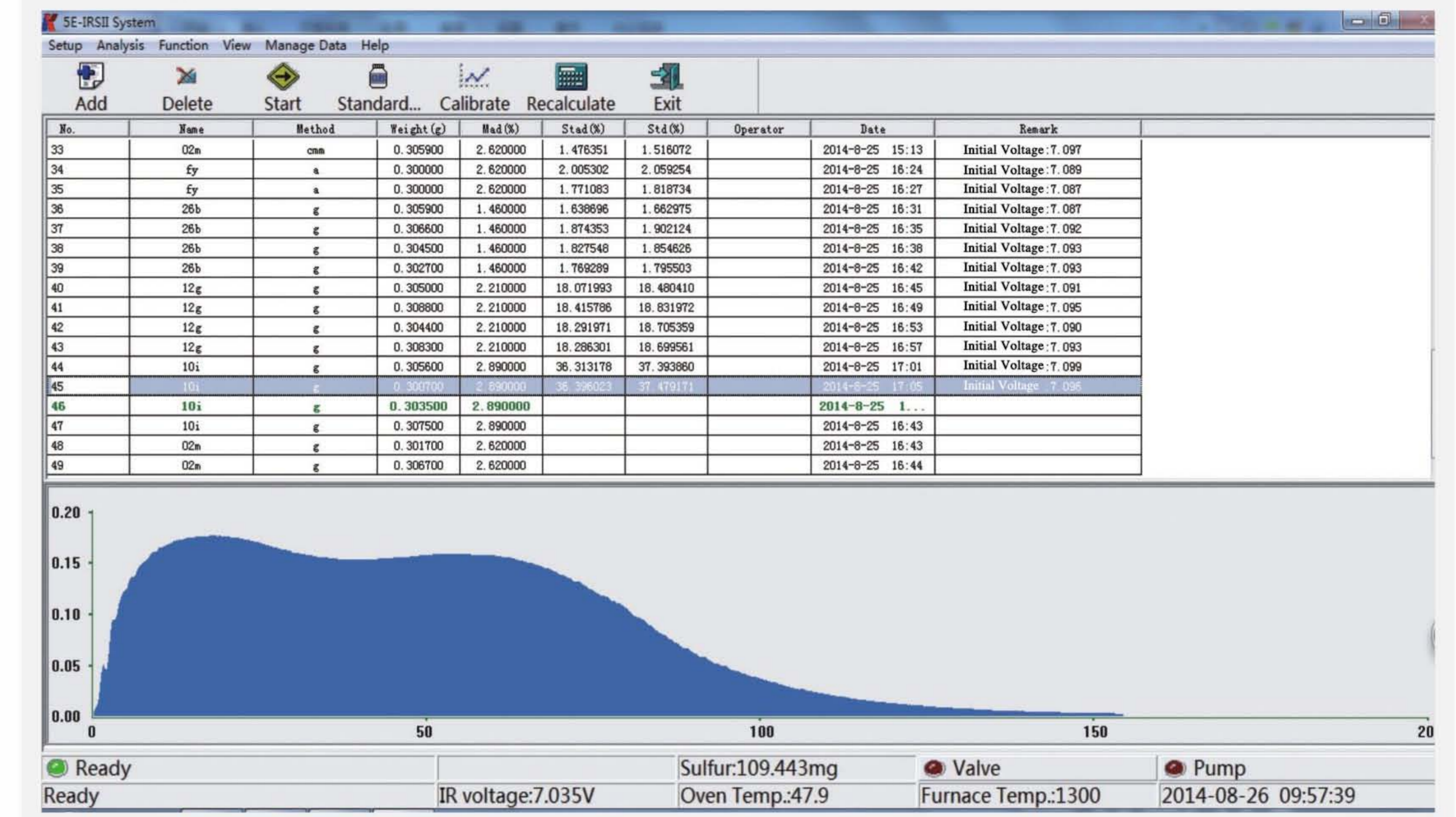
Stability and Accuracy

1. Top quality ultra-low drift infrared cell to ensure stability, precision and accuracy.
2. Reliable single Si-C spiral tube heating components.
3. Unique gas tightness structure to avoid the effect of SO₂ in air.

Easy Operation

1. The sample mass can be automatically sent to the computer by balance connection.
2. Upgraded gas circuit design and reliable components to minimize the maintenance work.
3. Unique "Quick Start" Button to simplify the operation.

Intelligent Software System



Test Data

Sample Name	Sample Weight	Mad (%)	Stad (%)	Std (%)	
Control 6H0160-1	0.3092	5.16	2.482	2.617	(±/-0.066)
Control 6H0160-2	0.3077	5.16	2.496	2.632	
Average				2.624	
Reference Value				2.625	
ASTM D4239-10 Repeatability Limit(r)				0.099	
ASTM D4239-10 Reproducibility Limit(R)				0.256	
Repeatability				0.015	
Reproducibility				0.001	
Conclusion: 5E-IRSII Infrared Sulfur Analyzer exceeds the ASTM Precision Requirement					

Specification

Model	5E-IRS3600	5E-IRSII
Conforms to Method	ASTM D1552, ASTM D4239, ISO 19579 and GB/T 25214	
Max. Sample Loading	Up to 60 samples per batch automatically	1 sample per batch manually
Analysis Method	Infrared absorption	
Analysis Resolution	0.001%	
Sulfur Range	0.01%-30% customized range available	
Analysis Time per Sample	≤120s	
Analysis Temp	1350°C	
Temp. Control Precision	±1°C	
Sample Mass	200mg-400mg for coal and coke (300mg is recommended)	
Power Supply	Single phase, AC220V±10%, 50/60Hz, ≤4KW	
Net Weight	70kg	60kg
Dimensions(L×W×H)	750mm×650mm×700mm	510mm×700mm×620mm