

5E-S3210

Coulomb Sulfur Analyzer



5E-S3230

Pre-sales

Coulomb Sulfur Analyzer

Loading sample automatically with robotic arm



5E-AS3200B

Automatic Coulomb Sulfur Analyzer



Features

High Automation

The stirring speed and pumping/blowing flow are controlled automatically and make customizable settings as required. With high quality sensors, it can realize precise control.

Easy Operation

1. Large volume reagent tube to minimize the maintenance of changing the reagent and the desiccant can be used repeatedly.
2. Multiple controls available, namely, one computer can control several sulfur analyzers at the same time.

Additional features for 5E-S3230

Loading sample automatically with robotic arm, high precision and high reliability. 40 samples can be placed per batch, and the samples can be added continuously. Test sequence can be adjusted as required.

Additional Features for 5E-AS3200B

Easy Operation

1. Auto self-diagnosis.
2. Protect heating components by over temperature alarms and auto heating off function.
3. Large volume reagent tube to minimize the maintenance of changing the reagent.

Cost Saving

The test can be performed without oxygen, and the desiccant can be used repeatedly.

Unattended Operation

The operator is limited to just loading the sample onto the auto-loader.

Specification

Models	5E-S3210	5E-S3230	5E-AS3200B
Conforms to Method	GB/T 214, ISO20336		
Max. Sample Loading	1	40	20
Sulfur Range	0.01-40% customized range available		0.01-30% customized range available
Analysis Resolution	0.001%		0.01%
Sample Mass	10-110mg		45-55mg for coal 80-100mg for oil
Analysis Time	3-4mins		3mins
Operation Temp.	1150°C (coal, coke), 920°C (oil), 1200°C (cement)		
Temp. Control Precision	±1°C		±3°C
Temp. Ramp Rate	1°C/s		
Sample Loading Method	Manual	Robotic Arm	Manual
Gas Leakage Detection	Automatic		/
Flow Adjustment	Automatic		/
Stirring Speed Adjustment	Automatic		/
Replacement Reminding of Electrolyte	Automatic		/
Replacement Reminding of Silica Gel	Automatic (Optional)		/
Power Supply	Single phase, AC220 ±10% , 50/60Hz, 4kW		
Net Weight	50kg	80kg	57kg
Dimensions(L×W×H)	900mm×530mm×370mm	1150mm×685mm×630mm	996mm×530mm×412mm