Total Sulfur Auto Sampler

- Advanced software can simultaneously run two total sulfur analyzers to do the analysis automatically in its own sequence
- Run multiple samples automatically without manual operation
- Passivated and deactivated piping system prevents the adsorption of trace sample
- Inert gas blowing function, to ensure the purification of the injection system, to avoid the sample interference in the pipeline
- Processing sample cylinders of 3

Introduction

The unique self-developed software system can automatically run the sample sequence and start the gas chromatography, and also can save/select different analysis methods. One button run to reduce human operation and errors.

Has the capacity of working with different total sulfur analyzer for convenience.

The internal pipeline and components have been passivated and deactivated preventing from sulfur absorption.

Cylinder with ¼" connection to customer's quick connector

Multi-line control valve to do the continuous analysis. Swagelok components ensure no leak from ball connection and thus no interference or contamination among samples

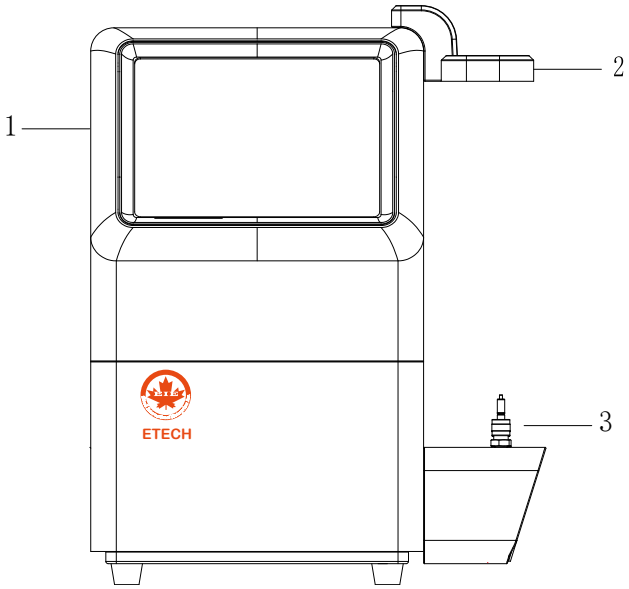
The steel cylinder has a built-in filter to purify the gas, which is replaceable

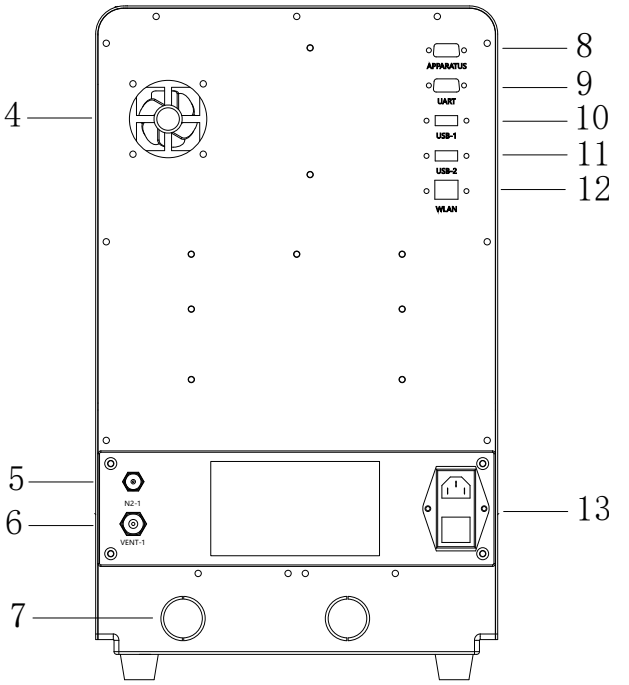
It equips with high precision of pressure regulator valve and flow valve

The flow rate from sampler exit is set at 30ml/min

The steel cylinder is placed upright and connected from the bottom; the cylinder is more stable

Every sampling starts after 30s sample blowing





1	Touch computer
2	Cylinder holder
3	Inlet 1 2 3
4	Fan
5	Purge
6	Exhaust emissions
7	Heat tracing line
8	GC control
9	Spare
10	USB1 port
11	USB2 port
12	WLAN
13	Power supply port

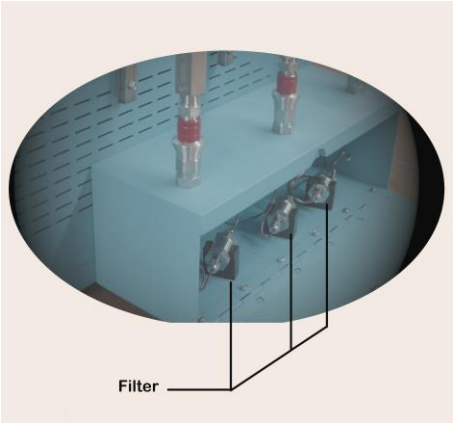
EIE

Total Sulfur Auto Sampler

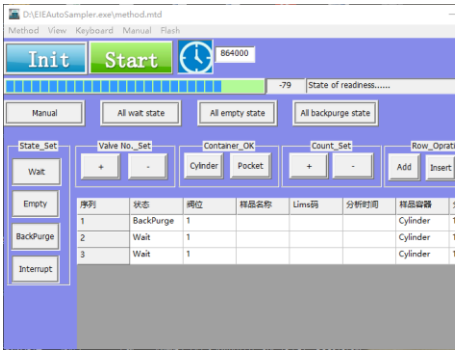
EIE-GAS-03

Sampler can control the total sulfur analyzer to realize the continuous analysis

Filter system can effectively prevent the pipeline blockage or pollution



Automatically running, no manual operation



SilcoTek coated piping system prevents the adsorption of trace sample

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SPECIFICATIONS

Standards	
Manufactured in accordance with IEC 61010	
Features	
Control Software	Automatically run the sample sequence
Prevention absorption	Passivated and deactivated components eliminating the sample interference
Flexibility	Can work with multiple different total sulfur analyzer
Quick Connector	1/4" adapter
Processing Cylinder Number	3
Exit Flow Rate	30ml/min, back pressure around 0.1 to 0.3 MPa
Vaporization	Heated to 135°C
Sample Blowing	Blowing sample for 30s before sampling
Filter	Built-in filter to ensure pure gas inlet
Operation	
Voltage	AC 110 - 230V +/-10% 50-60 Hz
Sampling Method	Electromagnetic valve
Sampling System Clean	N_2 Blown, user defined times
Analysis Method	Can save or select in software
Power Usage	240W
Safety	
Leak Prevention	Swagelok HOKE components to reduce leak probability
Operating Environment	
Ambient Temperature	5°C to 35°C
Storage Temperature	-10° C to 55°C
Relative Humidity	not more than 80% at 35°C
Working Place	indoor
Product Size	
Dimensions (mm)	320W x 450D x 500H
Weight (Kg)	28.5