



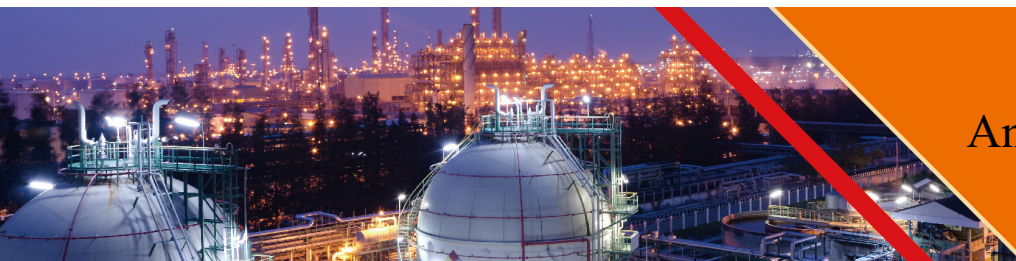
GS-Tek ANALYZER

Accuracy/High efficiency/Fast speed/Reliability



Offer you an accurate and reliable analytical solution
Diversified combinations and affordable system configuration
Timely after-sales support service, your best partner

Synthesis gas composition analysis is of great significance to the metallurgical industry. The system can realize accurate quantitative analysis of Synthesis gas components by gas chromatograph after using the suitable detector, analytical chromatographic column and valve flow path.



Analyzer of Synthesis gas I

Features of Analyzer:

1. single TCD channel or dual TCD channel can be selected.
2. Packed column system, stable and reliable.

Synthesis gas Analyzer I

Instrument configurations:

Two valves and three columns (packed column) / single TCD

Note: this system can be equipped to SHIMADZU and AGILENT host system

Sample:

Synthesis gas or similar component sample

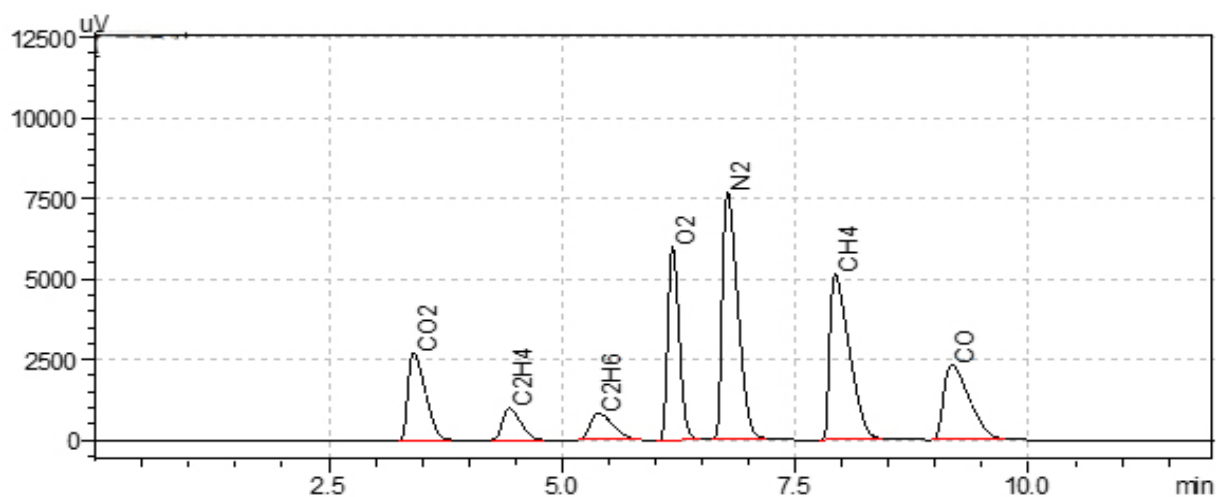
Target compounds:

O₂, N₂, CO, CO₂, CH₄, C₂H₆ and C₂H₄

Detection sensitivity:

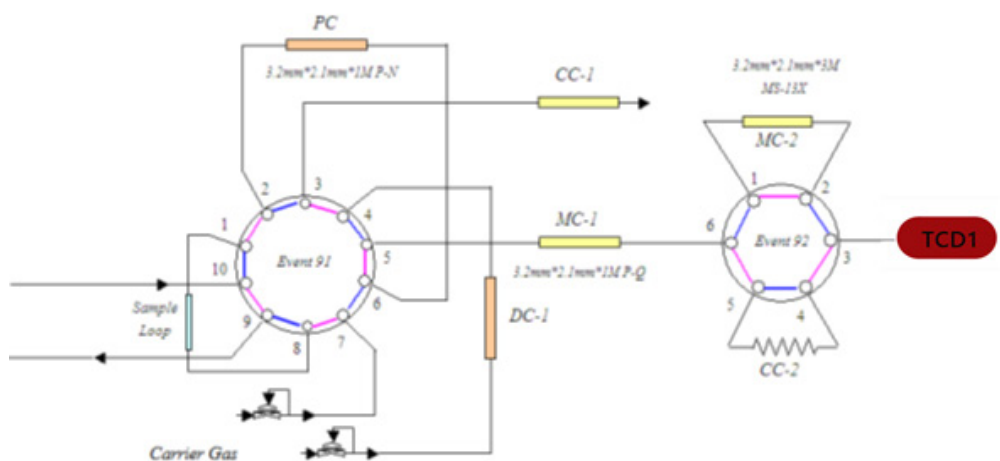
Permanent gas >0.01%; Hydrocarbons >0.01%

Typical chromatogram:



Typical chromatogram 1

Typical flow diagram:





Analyzer of Synthesis gas II

Synthesis gas Analyzer II

Instrument configurations:

Three valves and five columns (packed column) / double TCD

Note: this system can be equipped to SHIMADZU and AGILENT host system

Sample:

Synthesis gas or similar component sample

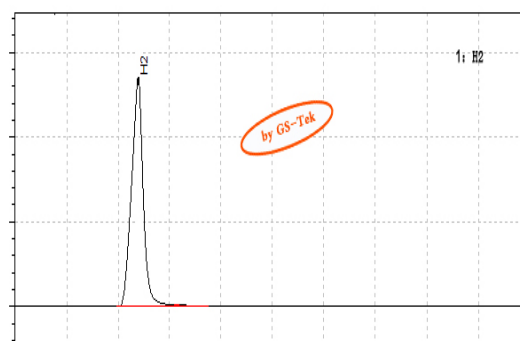
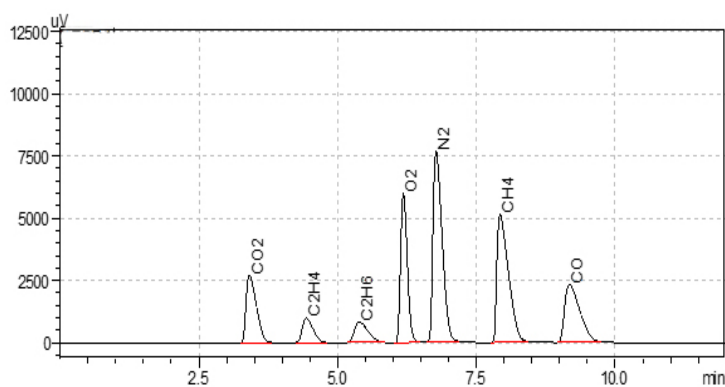
Target compounds:

H₂, O₂, N₂, CO, CO₂, CH₄, C₂H₆ and C₂H₄

Detection sensitivity:

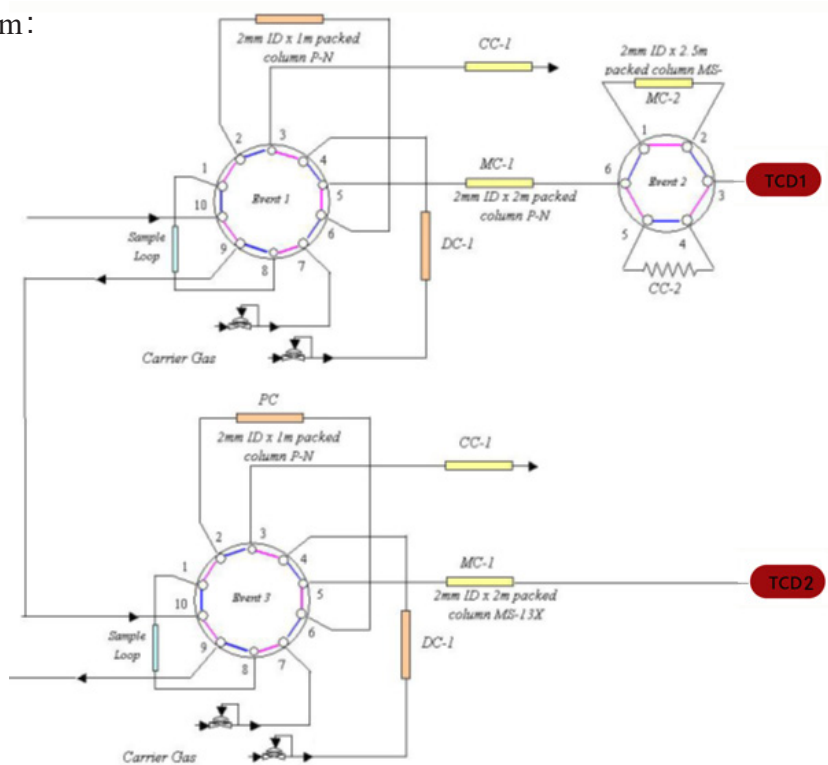
Permanent gas >0.01%; Hydrocarbons >0.01%

Typical chromatogram:



Typical chromatogram 2

Typical flow diagram:



About us :

GS-Tek is a professional column and analyzer manufacturer, located in the beautiful state of Delaware, USA.

GS-Tek produces high-quality gas and liquid chromatography columns with excellent performance and first-class quality.

GS-Tek provides solutions and turnkey analyzers for customers and partners.

GS-Tek has 40+ year practical experience and professional knowledge in the field of chromatography and application development.

GS-Tek won the US President Award in 2014 and was listed in the 2015 US White House Trade Book.

GS-Tek has a worldwide sales network and supply system, for more information, please visit our website: www.gs-tek.com

GS-Tek Misson:

Provide products with excellent quality and performance to customers.

Provide timely and effective technical support, competitive product price, and timely and fast product delivery to customers.

We help customers work on their challenging applications and provide high-quality service and professional technology to win the trust and support of users.

We believe that we not only sell products, but also want to become your trustworthy and reliable Partner.

Contact:

GS-Tek

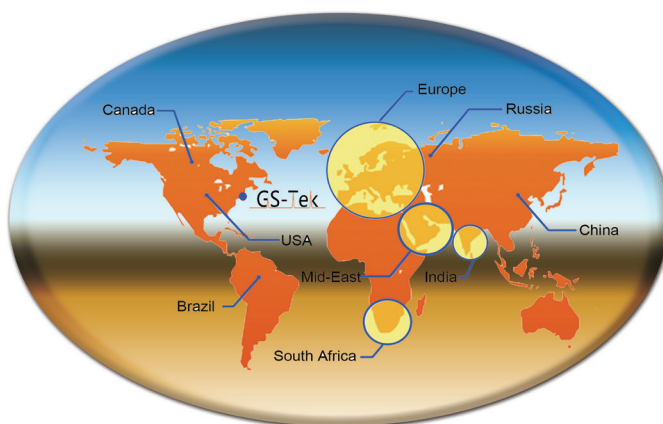
625 Dawson Drive, Ste A

Newark, DE 19713 USA

Phone: +1-302-533-5646

Email: info@gs-tek.com

Website: www.gs-tek.com



Global partners