



## Liquid Gas Chromatography

Weshine® is New Brand and Fast rising in the Electric Area. Relying on High-Quality product and Efficient after-sales service to win the trust of the customers. Weshine is your trusted manufacturer and supplier in China. Our Liquid Gas Chromatography can help you to do the gas analysis works very well, especially the after-sales

service is Excellent. Looking forward to have a good and long partnership with you.

## Weshine® Liquid Gas Chromatography



## Product Introduction:

Weshine® VS-9808 **Liquid Gas Chromatography** specializes in the analysis of gases in transformer insulating oil. The **Liquid Gas Chromatography** can analyze 7/9/11 kinds

Weshine Electric Manufacturing Co., Ltd.

Address: Diangu Technology Center, No. 3088, Lekai North Street

Tel: +86-312-3188565

Phone: +86-18731260588

E-mail: [sale09@weshineelectric.com](mailto:sale09@weshineelectric.com)

of gas components in the insulating oil through two or three chromatographic columns. If there are many oil samples needed to be tested, then the Headspace Autosampler can help to extract the gases from the oil for the **Liquid Gas Chromatography**. 27/72 Samples can be shocked and heated, and then transmit the gases automatically by the Autosampler. It can help the **Liquid Gas Chromatography** a lot, and save labor cost and time cost. The software of the **Liquid Gas Chromatography** is easy to operate, we can provide online video guidance and remote assistance. Please enjoy our 7days\*24hours after-sales service.

### Product Parameter:

|                          |  |
|--------------------------|--|
| Operating display        | 192*64 periodic lattice liquid crystal |
| Temperature control area | 6 ways                                 |
| Temperature              | 5°C~ 400°C                             |
| Programming              | Rate 0.1 ~ 39°C/min                    |
| External events          | 4 ways                                 |
| Detector                 | FID, TCD, ECD, FPD and NPD             |
| Communication interface  | Ethernet: IEEE802.3                    |

### Product Feature:

**Liquid Gas Chromatography** mainly analysis the gases components from the transformer insulating oil. **Liquid Gas Chromatography** works with the Air Generator, Hydrogen Generator, and Oscillator.

The Oscillator shocks and heats up the oil sample to get the gas from the oil. And then inject the gas sample into the **Liquid Gas Chromatography**. Before that, we should use the Air Generator and Hydrogen Generator to fire the FID1 and FID2. The **Liquid Gas Chromatography** will analysis the gas sample automatically, and you will see the gases components waves on the software on PC. The test report can be printed by the printer from the **Liquid Gas Chromatography**.

### Product details:

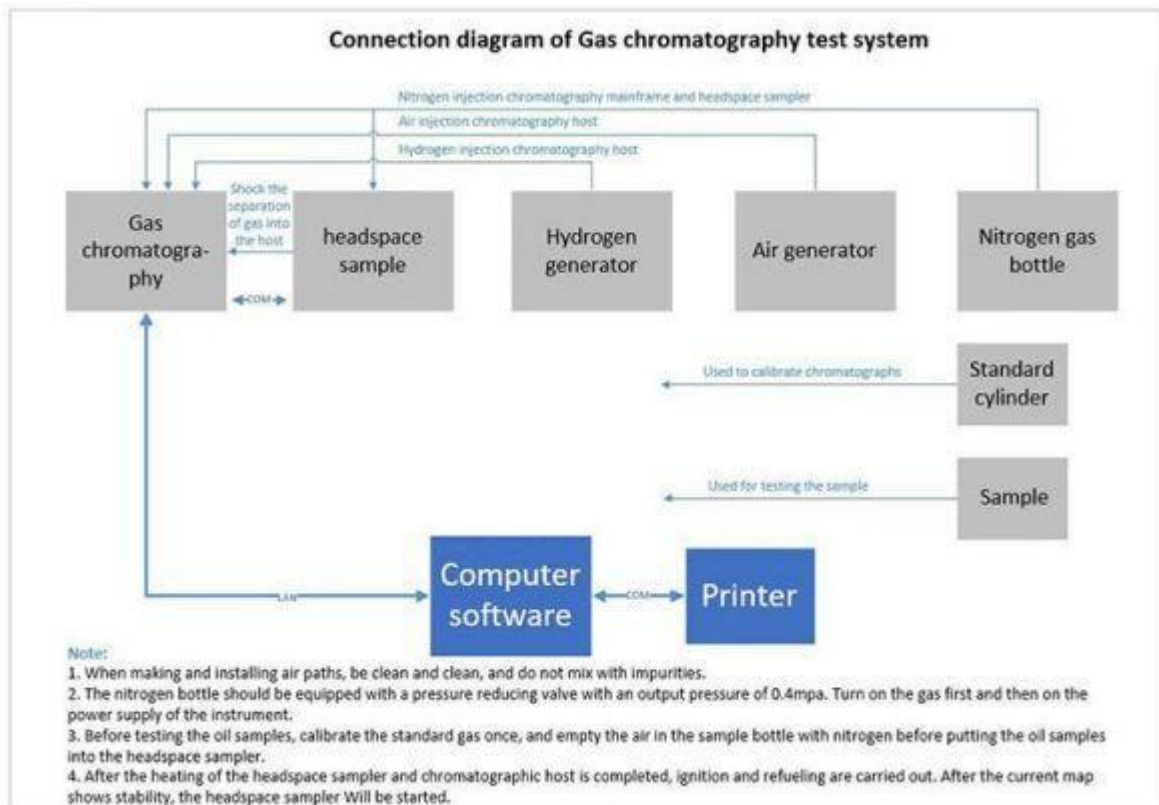
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For Headspace Sampler:



The Autosampler can extract the gases from the insulating oils, and transmit the gases by carrier gas to the **Liquid Gas Chromatography** Columns. It has the function of the heating and shocking, instead of the manual oscillator.

### Details of the Vials

|                 |                                |
|-----------------|--------------------------------|
| Number of vials | 27/72                          |
| Vial Material   | Neutral Glass                  |
| Vial volume     | 20ml                           |
| Vial Septum     | PTFE coated with butene rubber |

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|                   |                                  |
|-------------------|----------------------------------|
|                   | PTFE coated with silicone rubber |
| Vial Aluminum Cap | Aluminum                         |

For Oscillator:



The Oscillator heats and shocks the transformer oil to extract the gases from the transformer insulating oils automatically. The temperature and times can be set. Put the 40ml oils into the 100ml-injector, and then put 8 injectors at max into the oscillator to start the extraction works.

For Hydrogen Generator:

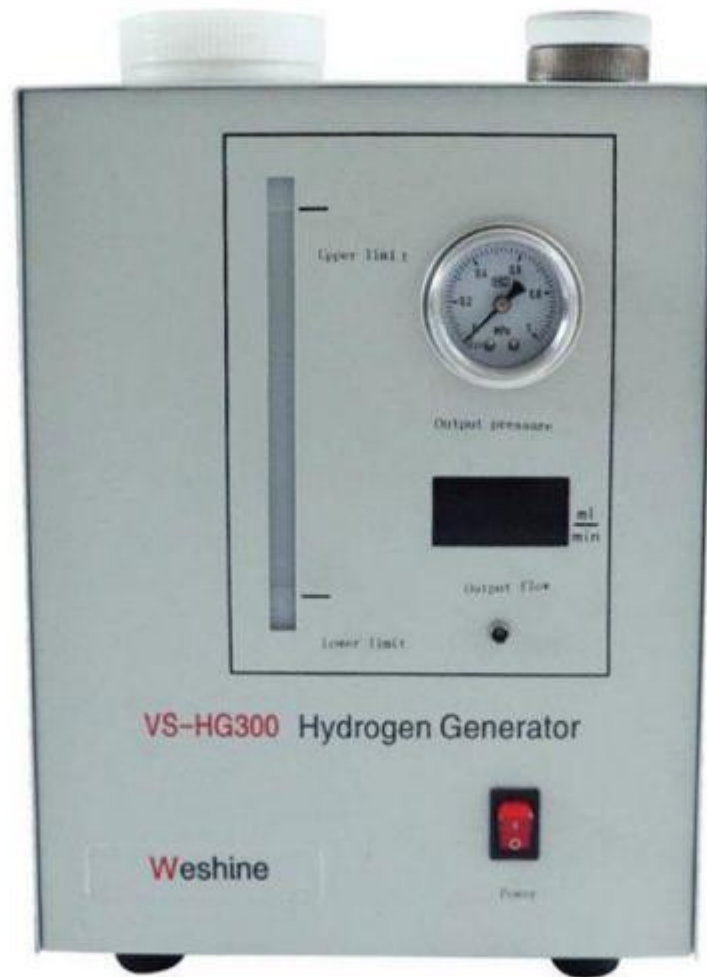
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This Hydrogen Generator make the hydrogen for the **Liquid Gas Chromatography**, the hydrogen can help to fire the FID1 and FID2.

For the Air Generator:



The Air Generator provides the air for the **Liquid Gas Chromatography** to help the Hydrogen firing.

**Packing:**



## Contact us

|  |   |
|--|---|
| <b>FEEL FREE TO MAKE A PHONE CALL:400 996 1868</b>   | <b>OR E-MAIL TO: <a href="mailto:info@weishengelectric.com">info@weishengelectric.com</a></b>   |
| <b>SALES OFFICE</b><br>Weshine Limited 602, Building 3, Diangu<br>Technology Center, No. 3088, Lekai North Street<br>W/app: +86 1873 1260 588<br>E. <a href="mailto:info@weishengelectric.com">info@weishengelectric.com</a><br><a href="mailto:sale01@weishengelectric.com">sale01@weishengelectric.com</a> | <b>CONTACT OFFICE</b><br>T. 0312 3188565<br>E. <a href="mailto:bdweisheng@weishengelectric.com">bdweisheng@weishengelectric.com</a><br><br><b>AFTER-SALES SERVICE</b><br>T. +86 157 1252 6062 |