



## **Furan Test of Transformer Oil**

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 Furan Test Of Transformer Oil can help you to do the Furan Components of the

transformer insulating oil works very well, especially the after-sales service is Excellent. Looking forward to have a good and long partnership with you.

## **Weshine® Furan Analysis Of Transformer Oil**



### Product Introduction:

Weshine® VS-HPLC980 **Furan Analysis Of Transformer Oil** is a professional detector for measuring furan components in transformer oil. The detection of furan components in transformer oil is carried out by high performance liquid chromatography HPLC. The software of the **Furan Analysis Of Transformer Oil** is easy to operate, we can provide online video guidance and remote assistance. Please enjoy our 7days\*24hours after-sales service.

### Product Parameter:

|  |                                   |
|--|-----------------------------------|
| <b>One Set High Pressure Constant Flow Infution Pump</b> | Infusion method: micro-volume ser |
| <b>Power Supply</b>                                      | 220V/50HZ                         |
| <b>Manual injection valve</b>                            | One Set                           |

Weshine Electric Manufacturing Co., Ltd.

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|                    |                 |
|--------------------|-----------------|
| Wavelength Setting | 190-700         |
| Colum              | C18             |
| Detector           | UV/Vis detector |
| Loop Cycle Setting | 0-255           |
| Liquid Autosampler | Optional        |

## Product Feature:

**Furan Analysis Of Transformer Oil** can analysis the furan components of the transformer oil. The **Furan Analysis Of Transformer Oil** use the visible UV detector,the measurement accuracy is high.The **Furan Analysis Of Transformer Oil** is equipped with a high-pressure infusion pump, which can effectively control the flow rate.The **Furan Analysis Of Transformer Oil** can be equipped with two pumps at the same time, one for water and one for Methanol.The **Furan Analysis Of Transformer Oil** can also be used with liquid autosamplers. Our autosamplers are 200-position, easy and quick to use.

## Product details:

The **Furan Analysis Of Transformer Oil** can not only detect furan components in transformer oil well,but also can detect other liquid with different column. Its usage wide and efficient.Through the determination of the standard solution, we are well able to calibrate the instrument.

## Automatic Liquid Sampler



Specifications: This instrument is an efficient and intelligent liquid-phase autosampler, which can be used in conjunction with liquid chromatography, liquid mass spectrometry, ion chromatography and other detection instruments. It can automatically complete actions such as pipeline cleaning, bubble emptying, sample injection, and post-injection cleaning, which effectively improves work efficiency. The device is equipped with special operating software,

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which is convenient and fast.

|                                     |  |
|-------------------------------------|--|
| <b>Syringe Specifications</b>       | 100, 250, 500, 1000 (unit:μL) Standard 250μL   |
| <b>greatest pressure</b>            | 45MPa  |
| <b>Number of sample trays</b>       | 200  |
| <b>Vial size</b>                    | 2mL  |
| <b>Number of injections per row</b> | 1 to 99 times  |
| <b>maximum time interval</b>        | 999 points   |
| <b>Injection volume</b>             | 0.1 to 1000μL  |
| <b>Maximum supported inlets</b>     | 1  |
| <b>Maximum cleaning solvent</b>     | 2 kinds  |
| <b>Number of cleaning pools</b>     | 2  |
| <b>Clean Syringe Mode</b>           | Solvent A, Solvent B, Solvent A+B  |
| <b>Purge Line Mode</b>              | Before injection, after injection, before and after injection  |
| <b>Temperature control range</b>    | 4~40°C±0.5°C   |
| <b>Pump mode</b>                    | capacity, time   |
| <b>pump speed</b>                   | slow, medium, fast   |
| <b>Extraction speed</b>             | slow, medium, fast   |
| <b>Injection method</b>             | Fully quantitative, semi-quantitative, non-destructive   |
| <b>Loop Specifications</b>          | Standard 20μL, other specifications are optional   |
| <b>control method</b>               | Interval automatic control, signal reverse control, PC control   |
| <b>repeatability</b>                | Full quantitative: RSD <0.3%<br>Semi-quantitative: (when injection volume > 10μL) RSD < 0.5%<br>Semi-quantitative: (injection volume > 1μL) RSD < 1%<br>No loss: (injection volume > 10μL) RSD < 0.5%<br>No loss: (when injection volume > 1μL) RSD < 1% |
| <b>net weight</b>                   | Standard about 21 kg About 22 kg with cooling module   |
| <b>Net size</b>                     | 500*343*327(L*W*H)mm   |
| <b>Maximum power</b>                | 200W   |
| <b>power supply</b>                 | AC220V, 50HZ   |

# Liquid chromatography test system

Suitable for testing furfural  
content in insulating oil



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# FEATURES



HPLC Liquid Chromatography

Flow Pump

Flow Pump

The main instrument is equipped with a UV/visible wavelength detector.  
Pump flow range:10.000mL/min.

Using C18 chromatographic column,  
incubator with constant temperature  
environment.



Incubator

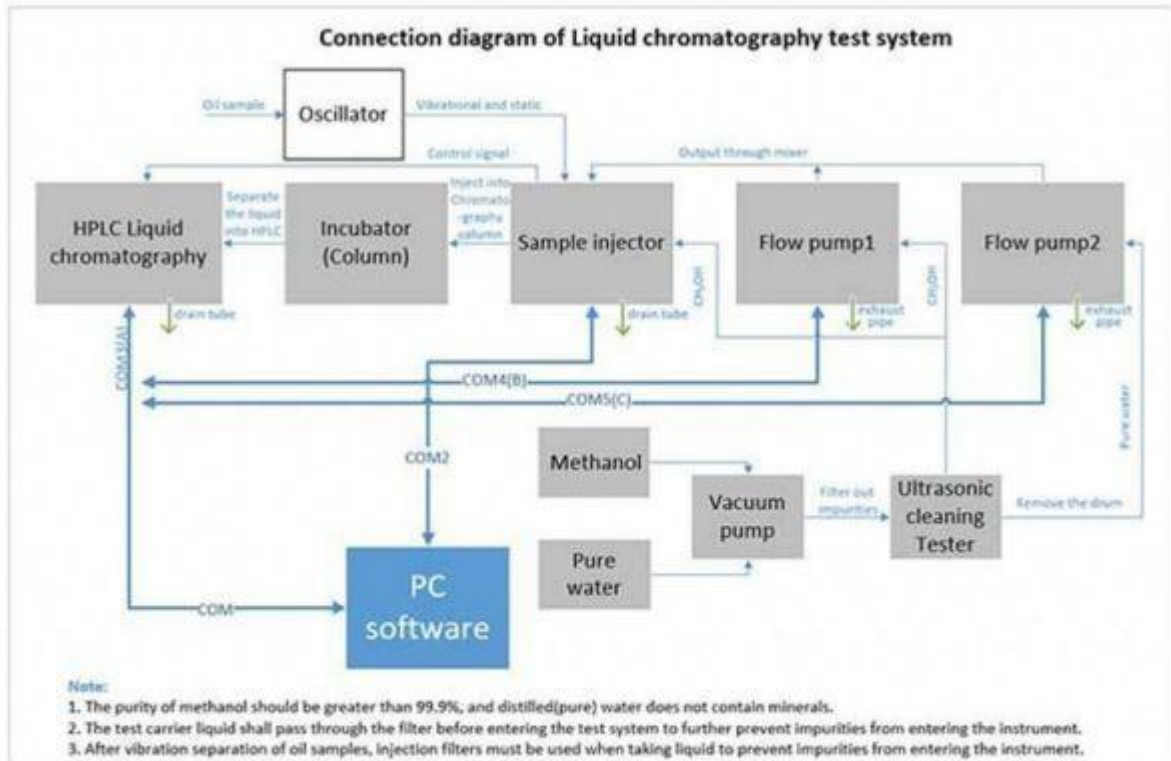


Column



200 samples, high degree of automation,  
unattended, 24 hours of uninterrupted work.

# Working principle



# Product size



**L420mm\*W260mm\*H440mm**



**L120mm\*W120mm\*H420mm**



## Product list

|   |                                   |    |                        |
|---|-----------------------------------|----|------------------------|
| 1 | Syringe *100ml*5pcs(Glass)        | 9  | Rubber Cap             |
| 2 | Syringe*1ml*10pcs*1box(Glass)     | 10 | Vials for Autosampler  |
| 3 | Syringe*5ml*5pcs                  | 11 | Sryinge Filter         |
| 4 | Syringe*1ml*2pcs(Glass)           | 12 | Vials for Autosampler  |
| 5 | Syringe*1ml*5pcs (Polypropylene)  | 13 | Vials Caps&pads        |
| 6 | Needle For Syringes*2boxes        | 14 | Glass Bottle           |
| 7 | Microporous membrane filter       | 15 | Fuse and Filter,rubber |
| 8 | Nylon microporous membrane filter | 16 | Power Cable            |

## Live show





# Manufacturing plant



# Logistics Packaging



## Weshine Introduction

The production of transformer test instruments and power instrument tests of Weshine Electric conforms to ISO9001:2015 quality management system, ISO14001:2015 environmental management system and ISO45001:2018 occupational health and safety management system.

## Furan Test Of Transformer Oil



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|  |   |
|--|---|
| <b>One Set High Pressure Constant Flow Infusion Pump</b> | Infusion method: micro-volume series double plunger |
| <b>Power Supply</b>                                      | 220V/50HZ   |
| <b>Manual injection valve</b>                            | One Set   |
| <b>Wavelength Setting</b>                                | 190-700   |
| <b>Colum</b>   | C18   |
| <b>Detector</b>  | UV/Vis detector                                     |
| <b>Loop Cycle Setting</b>                                | 0-255   |
| <b>Liquid Autosampler</b>                                | Optional  |

## Product Feature:

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|                                     |  |
|-------------------------------------|--|
| <b>Syringe Specifications</b>       | 100, 250, 500, 1000 (unit:μL) Standard 250μL   |
| <b>greatest pressure</b>            | 45MPa  |
| <b>Number of sample trays</b>       | 200  |
| <b>Vial size</b>                    | 2mL  |
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|              |              |
|--------------|--------------|
| power supply | AC220V, 50HZ |
|--------------|--------------|

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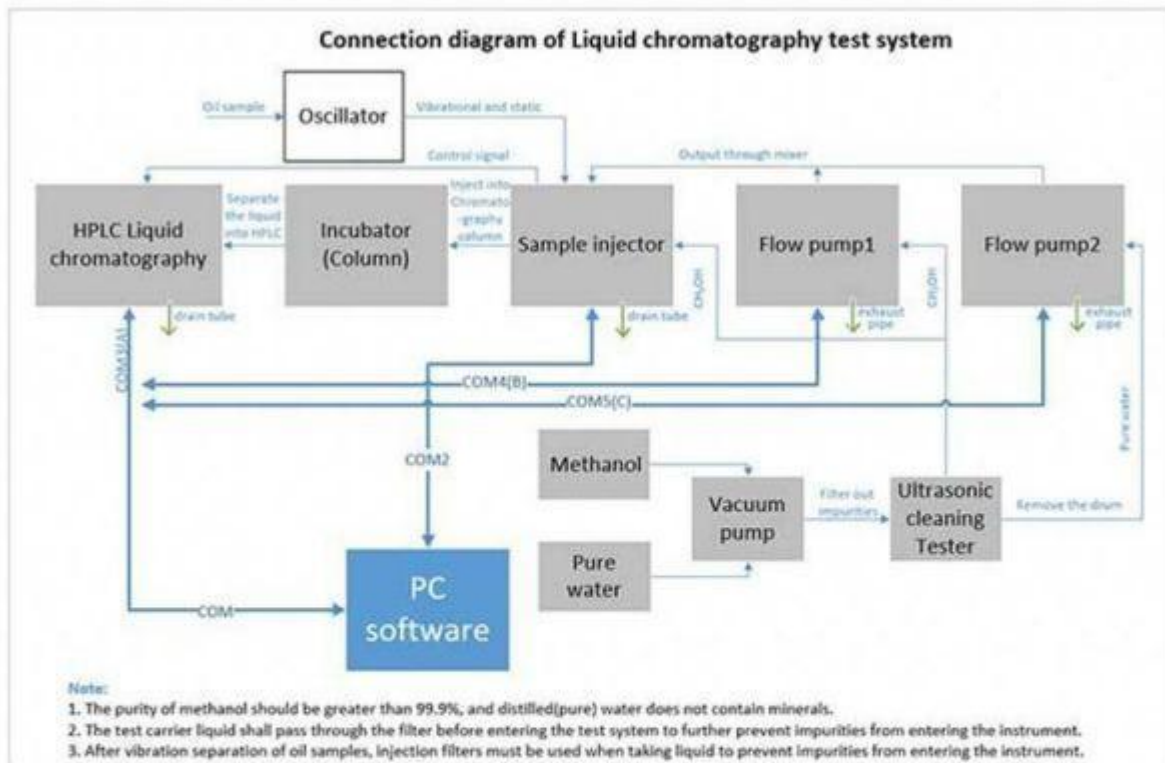
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**Packing:**

**Contact us**

|  |   |
|--|---|
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| <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 |