



## Oil Tan Delta Tester

According to GBT standards and international IEC standards, our company, Weshine®, fully utilizes the advantages of design technology and produces transformer oil tan delta tester, which adopts thermal induction technology, which can achieve rapid heating. The whole process of automatic testing, the dielectric loss and capacitance test results are

highly accurate and stable. 0-2000V adjustable, suitable for different voltage levels. It is widely used in dielectric loss measurement of transformer oil, capacitor oil and cable oil.

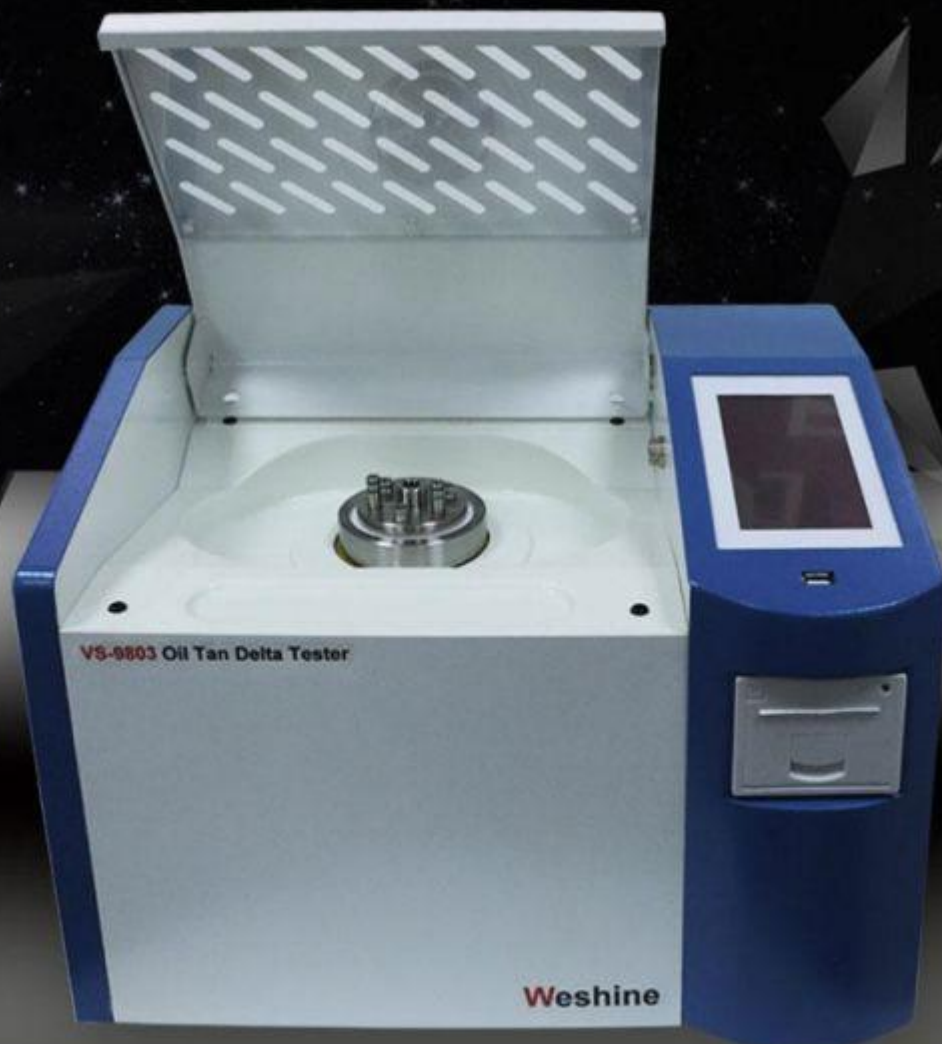
**Weshine® Oil tan delta tester** is an insulation tester, in which the heating part adopts the current high-frequency induction heating method. The heating method has the advantages of non-contact between the oil cup and the heating body, uniform heating, fast speed, and convenient control. The AC test power supply adopts the AC-DC-AC conversion method, which effectively avoids the error of the voltage and frequency fluctuations on the dielectric loss test. The LCD display interface is adopted, and all operations are displayed in English. The instrument is equipped with a panel printer, and the data will not be lost after the power is turned off. The instrument adopts the automatic storage function, which automatically selects the measurement range, with high precision, simple operation and convenient use. Therefore, **oil tan delta tester** is a very important detection tool for power supply bureaus, power plants and other departments.

# Oil Tan Delta Tester

Self-draining oil

Electric capacity :5pF~200pF

DC Resistivity:2.5MΩm~20TΩm



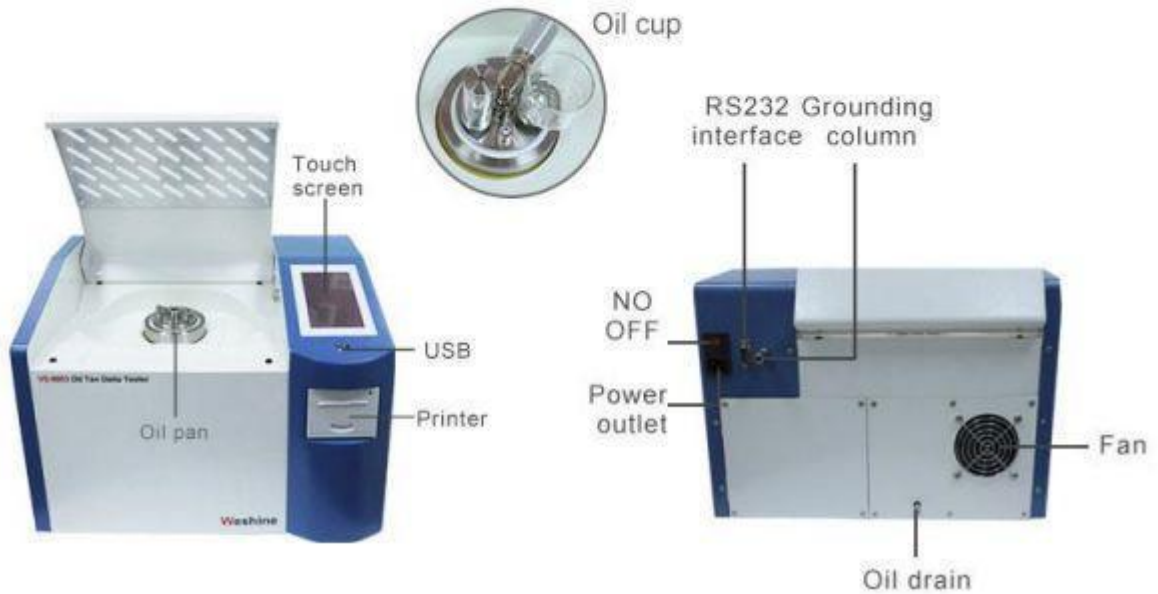
# FEATURES

- Medium frequency induction heating, PID algorithm.
- SF6 charging three-electrode capacitor ensures accuracy.
- Temperature range :0 ~ 120°C,  
Ac voltage range :500 ~ 2200V,  
Dc voltage range ; 300 ~ 500V.



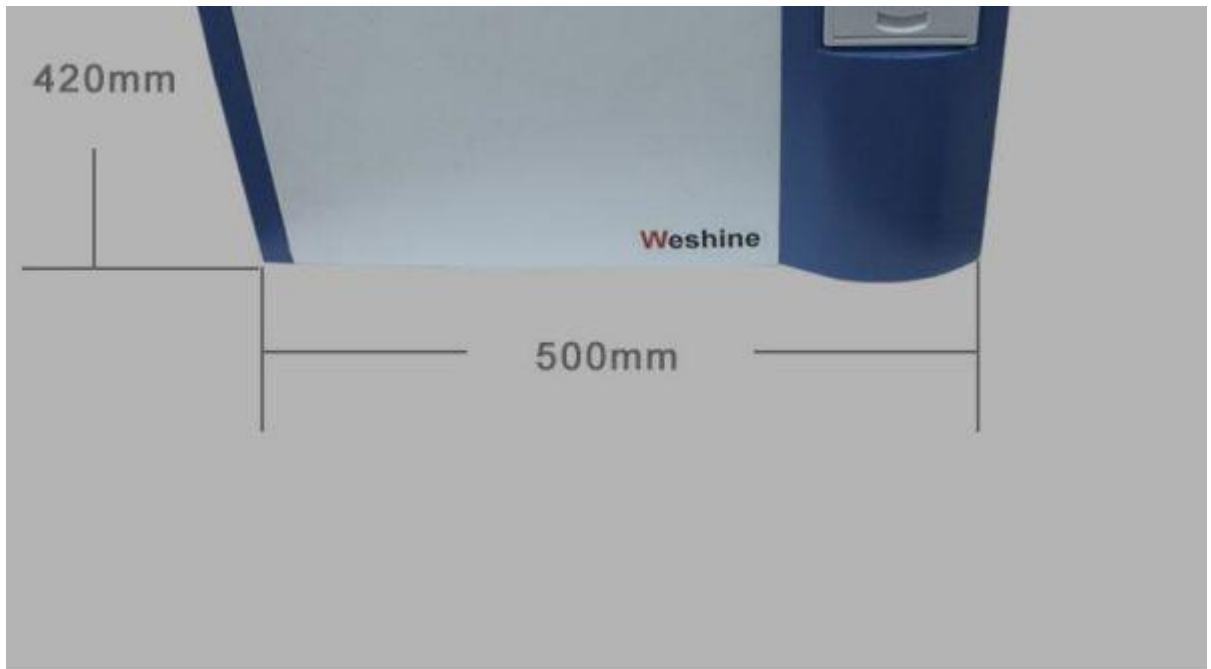
**PRODUCT**

# INTRODUCTION



# Product size





# SUPPORTING ACCESSARIES



## Oil Tan Delta Tester Features for Transformer Oil

Intermediate frequency induction heating, PID temperature control algorithm. This heating method has the advantages of non-contact between the oil cup and the heating body, uniform heating, fast speed, and convenient control, so that the temperature is strictly controlled within the preset temperature error range. The internal standard capacitor is SF6 gas-filled three-point-pole capacitor. The dielectric loss and capacitance of the capacitor are not affected by ambient temperature, humidity, etc., so that the accuracy of the instrument can be used for a long time.

(3) Perfect protection function. If there is over-voltage, over-current, or high voltage short circuit, the instrument itself can quickly cut off the high voltage and issue a warning prompt. When the temperature sensor fails or is not connected, a warning prompt is issued.

(4) The test parameter setting is easy to operate. The temperature setting range is 40~120°C, the AC voltage setting range is 200~2200V, and the DC voltage setting range is 0~500V.

(5) The large-screen TFT pure color LCD touch screen is used to automatically test, and automatically store and print the test results.

## Weshine® Oil Tan Delta Tester Parameter

PRODUCT INFORMATION			
<b>Product Name</b>	<b>OIL TAN DELTA TESTER</b>		
Range of DC Voltage	0 ~ 500 V	Range of AC Voltage	200 ~ 2200 V
Functions	Measures the Tan Delta, Resistivity and Relative Permittivity of insulating liquids		
Test Range	Test Range of Tan Delta: 0.00001 ~ 100		
	Test Range of Volume Resistivity: 2.5 MΩm~20 TΩm		
	Test Range of Relative Permittivity: 1.000 ~ 30.000		
Typical Application	Fully automated standard and user defined tests - Supports all international standards		
Standards	IEC 60247:2004; IEC 61620:1998...	Certificates	CE; EMC; LVD; ISO; IEC;
	ASTM D924 D1169		
Dimensions	460mm*370mm*330mm	Model Number	VS-9803

## Product Quality Certificates

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



[www.weshineelectric.com](http://www.weshineelectric.com)

As we all know, quality is the first factor of concern, all of our company's transaction customers recognize the product quality certificate we provide. The oil tan delta tester value in transformer oil meets the high quality requirements specified in ISO9001,ISO14000:14001 guidelines and national quality control systems.

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

北京标准认证中心  
BEIJING STANDARD CERTIFICATION CENTRE

## QUALITY MANAGEMENT SYSTEM CERTIFICATE

Registration No. 064-21-Q-2501-R1-S

This is to certify that  
**BAODING WEISHENG ELECTRIC POWER EQUIPMENT  
TECHNOLOGY CO.,LTD**

Unified social credit code: 9113060507877222XU

Registration Address: Room 602,building 3,diangu science and technology center,3088 north  
lucky avenue,baoding city,071000Produce/ Business Address: Room 602,building 3,diangu science and technology center,3088  
north lucky avenue,baoding city,071000

Which is in conformity with  
**GB/T19001-2016/ISO9001:2015**

### Scope of Certification

The related management activities involved in the production of power test  
instruments for transformer test instruments (except for licensing requirements)

Issue date: Jun 24,2021

Term of validity: May 23,2024

(Valid period of the last period certificate: 2021-05-24, The audit time: 2021-05-17-2021-05-18)



主任签字:

中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C054-M

NOTE: Before 06-23 of each year for annual review, this certificate will continue to be effective after the review. Please scan the QR code certificate valid state query. Also can query in the center website: [www.bjcscc.net](http://www.bjcscc.net), and the CNCA official website: [www.cnca.gov.cn](http://www.cnca.gov.cn). This certificate is valid for the period of validity of the state regulations and the validity of the administrative license.

注册号: CNCA-R-2003-064 地址: 北京市朝阳区来广营西路303号产业园6号楼2层2013

[www.bjcscc.net](http://www.bjcscc.net) office@bjcscc.net +86-10-64755108



## ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Registration No. 064-20-E-1423-R0-S

This is to certify that  
**BAODING WEISHENG ELECTRIC POWER EQUIPMENT  
TECHNOLOGY CO.,LTD**

Unified social credit code: 9113060507877222XU

Registration Address: Room 602, building 3, diangu science and technology center, 3088 north  
lucky avenue, baoding city, 071000Produce/ Business Address: Room 602, building 3, diangu science and technology center, 3088  
north lucky avenue, baoding city, 071000

Which is in conformity with  
**GB/T24001-2016 / ISO14001:2015**

Scope of Certification

The related management activities involved in the production of power test  
instruments for transformer test instruments (except for licensing requirements)

Issue date: Jun 08, 2020

Term of validity: Jun 07, 2023



主任签字:

中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C064-M

NOTE: Before 06-07 of each year for annual review, this certificate will continue to be effective after the review. Please scan the QR code certificate valid state query. Also can query in the center website: [www.bjcscc.net](http://www.bjcscc.net), and the CNCA official website: [www.cnca.gov.cn](http://www.cnca.gov.cn). This certificate is valid for the period of validity of the state regulations and the validity of the administrative license.

批准号: CNCA R-2002-064 地址: 北京市朝阳区东广营西路国际产业园6号楼2层2013

[www.bjcscc.net](http://www.bjcscc.net) office@bjcscc.net +86-10-64795109



## OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Registration No. 064-20-S-1424-R0-S

This is to certify that  
**BAODING WEISHENG ELECTRIC POWER EQUIPMENT  
TECHNOLOGY CO.,LTD**

Unified social credit code: 9113060507877222XU

Registration Address: Room 602, building 3, diangu science and technology center, 3088 north  
lucky avenue, baoding city, 071000Produce/ Business Address: Room 602, building 3, diangu science and technology center, 3088  
north lucky avenue, baoding city, 071000

Which is in conformity with  
**GB/T 45001-2020/ISO 45001:2018**

### Scope of Certification

The related management activities involved in the production of power test  
instruments for transformer test instruments (except for licensing requirements)

Issue date: Jun 08, 2020

Term of validity: Jun 07, 2023



主任签字:

中国认可  
管理体系  
MANAGEMENT SYSTEM  
CNAS C064 M

NOTE: Before 06-07 of each year for annual review, this certificate will continue to be effective after the review. Please scan the QR code certificate valid state query. Also can query in the center website: www.bjcscc.net, and the CNCA official website: www.cnca.gov.cn. This certificate is valid for the period of validity of the state regulations and the validity of the administrative license.

批准号: CNCA-R-2002-064 地址: 北京市朝阳区来广营西路国际产业园2层2013

www.bjcscc.net office@bjcscc.net +86-10-64795109

## Goods Package and Shipment



For further information on Weshine's Service Solutions, contact our 24/7 online sales representative to get quotes from Weshine.

## 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> Weshine Limited 602, Building 3, Diangu Technology Center, No. 3088, Lekai North Street W/app: +86 1873 1260 588 E. <a href="mailto:info@weishengelectric.com">info@weishengelectric.com</a> <a href="mailto:sale01@weishengelectric.com">sale01@weishengelectric.com</a>	<b>CONTACT OFFICE</b> T. 0312 3188565 E. <a href="mailto:bdweisheng@weishengelectric.com">bdweisheng@weishengelectric.com</a>  <b>AFTER-SALES SERVICE</b> T. +86 157 1252 6062