



Partial Discharge Monitoring

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 Partial Discharge Monitoring Equipment is mainly test the various relays and microcomputer protection, the

Partial Discharge Monitoring can simulate various complex transient, permanent and transformable faults to conduct a whole group of tests. The Partial Discharge Monitoring can test the current, voltage, inverse time, power direction, impedance, differential, low cycle, synchronous, frequency, DC, intermediate, time etc. The after-sales service of The Partial Discharge Monitoring is Excellent. Looking forward to have a good and long partnership with you.

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Model No. 1

Partial Discharge Monitoring

Weshine Electric Manufacturing Co., Ltd.
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VSPD-2000



Product Introduction:

Weshine **Partial Discharge Monitoring** is simple and easy to use, **Partial Discharge Monitoring** is very suitable for daily inspection of equipment points to grasp the operation status of electrical equipment in real time. **Partial Discharge Monitoring** can also detect faults which cannot be detected with thermal imaging cameras. Such as corona and early tracking and so on.

Product Parameter:

System	WINCE6.0
CPU	Main frequency of 533MHz
Memory	RAM of 256MB DDR2, 1GB NandFlash
Screen	TFT true color touch screen of 4.3", resolution of 480 * 272
SD memory card	TF card of more than 8G
Camera	3 mega-pixel high definition camera
Accessories	GPS, temperature /humidity measurement device, high brightness laser pointer
Storage	GPS coordinate, time/date, temperature/humidity

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function	
Frequency range	20—150kHz
Sensor	40kHz x 1Ea
Working condition	-25℃~ 70℃
Relative humidity	0 - 95%
Charger specification	Input: 100-240V, 50/60Hz Output: voltage of 20V, current of 3.25A
Power supply	Battery power: lithium battery Working hours: about 8 hours Battery protection: LCD backlight will go dark, when there is no operation within 5 minutes. The instrument will automatically shutdown, when there is no operation within 20 minutes. When the battery power is less than 5%, system will beep hinting users to save data timely, then users need power it off and recharge.

Instrument for measuring partial discharge

PRODUCTION EXPERIENCE

Sales and service of power system automation equipment and testing instruments for modern high-tech enterprises specializing in R&D and production

1 years Warranty



Mode:VSPD-4

Name:Instrument for measuring partial discharge

INTRODUCTION TO PANEL FUNCTIONS



Serial number	Designation	Explain
1	Touch screen	Display waveform and various test data
2	Power switch	Instrument main power switch
3	4 channel signal input indicator light	Locally put different sensor type signal input indication
4	Internal and external synchronous indicator light	Internal and external synchronization indication
5	USB interface	External USB devices can be connected

PRODUCT DETAILS



1

LCD

Display waveform and various test data

2

Accessories

Use of linked instrument





3

Calibrated pulse generator

Send a certain amount of charge

TECHNICAL INDEX

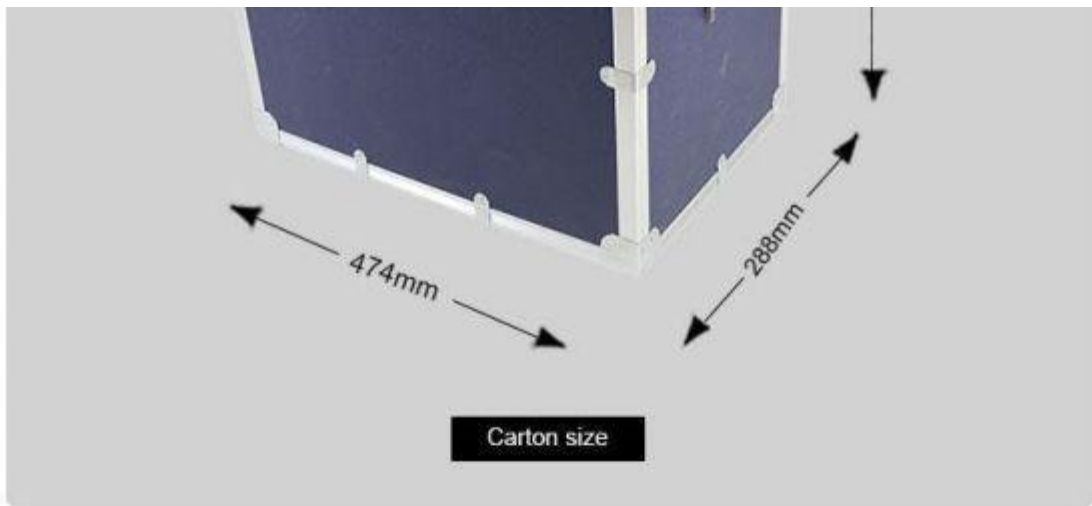
Technical characteristic	
Number of channels	Independent 4 channels
Sample rate	1M、5M、10M
Sampling precision	12bit
Range changing	-40dB, -20dB, 0dB, 20dB, 40dB, 60dB
Measuring frequency band	3dB bandwidth 10kHz~1MHz

Digital filtering	10kHz ~ 1MHz
The programmed filter is segmented	The low frequency: 10kHz, 20kHz, 40kHz, 80kHz High frequency: 100kHz, 200kHz, 300kHz, 400kHz
Nonlinear error of this range	10%
Measuring range	0.1pC~100,000pC
Sensitivity	0.1pC
Electrical capacity range of testable products	6pF~250μF
Test power supply frequency range	50~500Hz

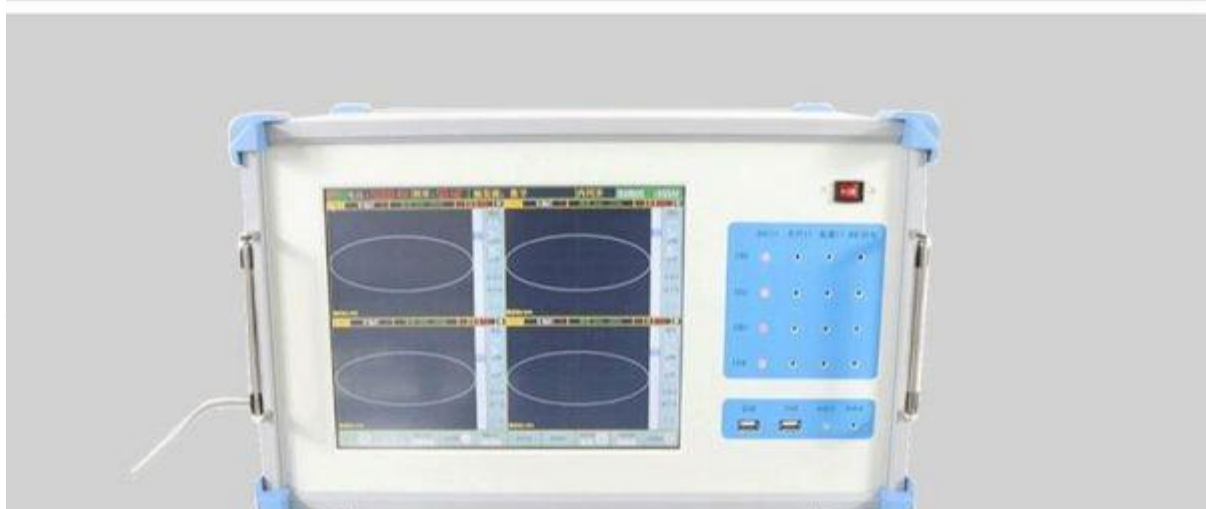
show	
Display screen	12 "TFT true color touch LCD display
Resolution ratio	1024×768
Port	
USB	3 channels, can be connected to the mouse and keyboard, as well as external mobile storage devices
The power supply mode	AC 220 v; Frequency 50 hz. Power 300 w
Electrical signal interface	4-way BNC interface for signal input
Optical signal interface	4 channels, for signal input
Internet access	1 way
Grounding button	External grounding
General instructions	
CPU	Faster 1.60 GHz.
Internal storage	2.0GB
Hard disk	128GB solid-state drives
System	Windows Xp
Work environment	Ambient temperature: -10 ~ 45℃ Relative humidity: ≤95%
Size	474mm × 288mm × 370mm
Weight	15.8kg

DIMENSION FIGURE





PRODUCT DISPLAY







AFTER-SALES SERVICE

The instrument from the date of purchase within a year, is a product quality problem free warranty, lifetime maintenance and technical services. If the instrument condition is abnormal or there is a fault, please contact our company as soon as possible, so as to arrange the most convenient and effective solution for you.

Product Feature:

Partial Discharge Monitoring is simple and easy to use, **Partial Discharge Monitoring** is very suitable for daily inspection of equipment points to grasp the operation status of electrical equipment in real time. **Partial Discharge Monitoring** can also detect faults which cannot be detected with thermal imaging cameras. When the local discharge occurs inside the equipment, it cannot be detected by infrared methods, but the **Partial Discharge Monitoring** can be used to detect the surface or joints surface of electrical equipment.

Product details:

Partial Discharge Monitoring can accurately locate the place to inspect. The **Partial Discharge Monitoring** will receive ultrasonic signal (whose frequency ranges from 35 to 45kHz) in the air through the ultrasonic sensor and electrical circuits, and convert the received ultrasonic audio signal and oscillogram to audible sound and visual waveform file. The screen is color touchscreen, which can display information such as waveform, dB values, temperature, humidity and GPS.

Model No. 2

Partial Discharge Monitoring

VS-9104



Product Introduction:

Weshine **Partial Discharge Monitoring** is using Windows System operation platform, The **Partial Discharge Monitoring** shows ellipse, straight line, sine wave display, two-dimensional, three dimensional graphic analysis mode and spectrum window. The **Partial Discharge Monitoring** is Q-V-F Characteristic window, The **Partial Discharge Monitoring** can statically measure, observe and analyze the partial discharge pulse of one cycle test voltage in details.

Product Parameter:

Number of Interfaces	Free-running 4 interfaces
Sampling rate	1M. 5M. 10M selected
Sampling Accuracy	12bit
Range changing	-40dB, -20dB, 0dB, 20dB, 40dB ,60dB, totally 6 types
Measurement frequency range	3db bandwidth 10kHz~1MHz
Digital filtering	10kHz~1MHz freely selected
CPU	Basic frequency 1.60GHz
Ram	2.0GB
Hard disk	128GB SSD

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System	Windows Xp
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Product Feature:

Partial Discharge Monitoring is the dedicated product to measure and analyze the insulation ability of electrical equipment. The **Partial Discharge Monitoring** system adopts modern electronic and computer integrated technology with the functions of signal amplification, filtration, data sampling, data processing, test report generation automatically. The **Partial Discharge Monitoring** can finish the measurement, location and analysis.

Product details:

The **Partial Discharge Monitoring** is a new generation digital analyzer with high performance and new technique. The **Partial Discharge Monitoring** is a desktop with advantage of multi-interface. The **Partial Discharge Monitoring** has TFT LCD display, the data can be seen very clearly.

Model No. 3

Partial Discharge Monitoring

VS-9209



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Product Introduction:

Weshine **Partial Discharge Monitoring** VS-9209 is equipped with transient ground wave and ultrasonic measurement methods. **Partial Discharge Monitoring** high frequency current measurement methods can be selected according to demand. The **Partial Discharge Monitoring** will produce a series of physical phenomena and chemical changes.

Product Parameter:

Number of Interfaces	Free-running 4 interfaces
Way of synchronization	Internal synchronization, External synchronization, Light synchronization
Sampling Accuracy	12bit
Measurement frequency range	3M-100MHz
Maximum pulses per cycle	720
Output interface	Standard SMA connected host

Product Feature:

Partial Discharge Monitoring is multifunctional handheld instrument. The **Partial Discharge Monitoring** based on the detection methods of ground wave, ultrasonic, UHF and high-frequency current to test the partial discharge of the equipment. The **Partial Discharge Monitoring** provides the storage and readout functions of two-dimensional and three-dimensional maps. The **Partial Discharge Monitoring** can better evaluate the partial discharge of electrical equipment.

Packing Details:



Contact us

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