

TRANSFORMER TESTING EQUIPMENT FROM WRINDU

wrindu®

Visit our free webinars at:
<https://www.hvtesters.com/>



Rui Du Mechanical and electrical (Shanghai) Co., td.

Web: www.hvtesters.com

Web: www.wrindu.com

French Web: www.hvtestersupply.com

Spanish Web: www.hvtestersupplier.com

Tel: +86 021-68769756

Mob/WhasApp: +86 137 6424 4609 +86 138 1649 5598

Email: sales@hvtesters.com

Add: 500 Jianyun Road, Pudong New District, Shanghai

wrindu®



**Rui Du Mechanical and electrical
(Shanghai) Co., td.**

TAN DELTA DISSIPATION FACTOR TESTER

RD6000A

| | |
|--------------------------------------|--|
| CVT self-exciting low voltage output | Output voltage 3-50V, output current 3-30A |
| Measuring duration | About 40s, depending on the measuring method |
| Power Supply | 220V AC, 50Hz \pm 1% |
| Interface | RS232, USB |
| Printer | Mini-type thermal printer |



- Large touchscreen LCD with a user-friendly interface, no specialized training required for ease of use.
- This capacitance and tan delta kit built-in storage, supports data export via USB, enabling advanced data handling.
- Including electric shock, overcurrent, and grounding protection for safety during high-voltage testing.
- Widely used in the power industry for insulation loss measurements, AC voltage withstand tests, and self-excitation testing for CVTs. Allows parameter configuration for safety.

TRANSFORMER RATIO METER

RDB-II, RDB- III

| | | |
|----------------|----------------|---|
| Model | RDB-II | RDB- III |
| Test Range | 0.9 ~ 10000 | Vriable ratio 0.9 ~ 10000, angle 0 ~ 360° |
| Angle Accuracy | | \pm 0.2° |
| Resolution | Minimum 0.0001 | Minimum ratio 0.0001, angle 0.01° |



- Suits various transformer types
- It is fortified with high and low-voltage reverse connection safeguards, winding short-circuit protection, and disconnect switch position security With easy input of rated parameters
- Has a user-friendly 7-inch color touchscreen featuring intuitive menus, eliminating the need for extensive manuals.
- Supports various output choices, including printing, USB interfaces,
- It automatically measures turn ratio, error values, and disconnect switch positions.

DC RESISTANCE FAST TESTER

RDZR-10A

| | |
|--------------------|---|
| Test current | AUTO, <20mA, 40mA, 200mA, 1A, 5A, 10A |
| | 0.5mΩ ~ 0.8Ω (10A) |
| | 1mΩ-4Ω (5A) |
| Measuring range | 5mΩ-20Ω (1A) |
| | 100mΩ-100Ω (200mA) |
| | 1Ω-500Ω (40mA) |
| 100Ω-100KΩ (<20mA) | Accuracy: $\pm (0.5\% + 2 \text{ words})$ |
| Minimum resolution | 0.1μΩ |



- High-precision transformer DC resistance tester max 24V output for faster high-resistance measurements.
- Auto-selects current, suitable for medium-to-small transformers.
- Protection against electromotive force, disconnections, and overheating, with audible alarms.
- High-precision transformer DC resistance tester easily switches between copper and aluminum temperature settings.
- Efficient power use, reducing heat and energy consumption.
- High-brightness 7-inch touchscreen, clear in strong light, multilingual.

ON-LOAD TAP CHANGER ANALYZER

RDKC-2000

| | |
|----------------------|---|
| Output Current | 1.0A, 0.5A, 0.2A |
| Measuring Range | Transition resistance: 0.3Ω~20Ω (1.0A) 5Ω~40Ω (0.5A) 20Ω~100Ω (0.2A) |
| | Transition time: 0~320ms |
| Open Circuit Voltage | 24V |



- Lightweight and high-current capability.
- Impedance displayed directly for YN, Y, and Δ transformers.
- Versatile winding configurations.
- Adaptive waveform adjustments based on data.
- Robust protective circuit for dependable performance.
- Spacious 7-inch LCD.
- Extended lithium battery life.
- Accommodates storage of 500 data sets and supports USB data transfer.

PORTABLE TRANSFORMER TURN RATIO TESTER

RDB-IIH

| | |
|----------------------|---|
| Test Range | 0.9~10000 |
| Measurement Accuracy | $\pm 0.1\% + 2 \text{ digits}$ (0.9 ~ 500) |
| | $\pm 0.2\% + 2 \text{ digits}$ (501 ~ 2000) |
| | $\pm 0.5\% + 2 \text{ digits}$ (2001 ~ 10000) |
| Resolution | Minimum 0.0001 |



- Employs a three-phase precision inverter power source to eliminate mains-related harmonic voltage interference
- Seamlessly handles an extensive array of transformer types, providing a comprehensive suite of measurement parameters.
- Integrated safeguarding elements, including protections against high and low-voltage reverse connections, inter-turn short-circuits, and safeguarding tap changer positions.
- By entering the rated parameters, the tester performs automatic measurements for turn ratio, error value, and tap changer position.

PORTABLE DC RESISTANCE TESTER

RDZR-10AH

| | |
|---------------------|---------------------------------|
| Test current | <20mA, 40mA, 200mA, 1A, 3A, 10A |
| Measuring range | 0.5mΩ ~ 0.2Ω (10A) |
| | 5mΩ ~ 4Ω (3A) |
| | 10mΩ ~ 10Ω (1A) |
| | 100mΩ ~ 50Ω (20mA) |
| | 1Ω ~ 300Ω (40mA) |
| 100Ω ~ 50kΩ (<20mA) | Accuracy: $\pm (0.5\% + 2d)$ |
| Minimum resolution | 0.1μΩ |

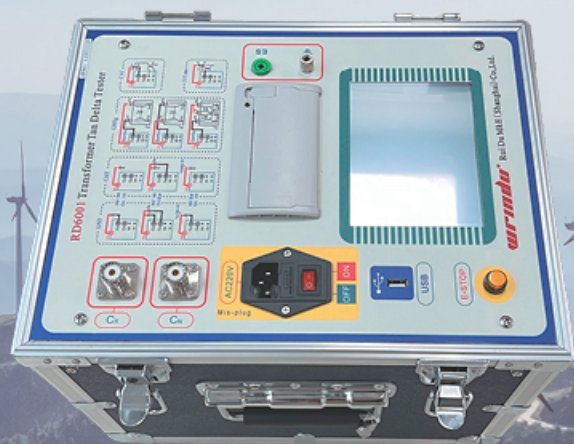


- High-resolution 7-inch color touchscreen for clear and easy reading.
- Powered by internal batteries or an external adapter, suitable for outdoor use.
- Facilitate data comparison through copper-to-aluminum temperature conversion.
- Non-volatile data storage for up to 1000 test records.
- Integrated USB interface.
- Discharge alarms and multiple protective functions.

CAPACITANCE & TAN DELTA TESTER

RD6001

| | |
|-------------------------------|---|
| High voltage output | Range: 0.5kV ~ 10kV, Accuracy: 2%, Maximum current: 200mA, Capacity: 1500VA |
| CVT test auto-exciting output | AC 0 ~ 50V/15A |
| CVT ratio test | Range: 10 ~ 10000, Accuracy: 0.1%, Resolution: 0.01 |
| Test frequency | 50Hz, 60Hz, 45Hz/55Hz, 55Hz/65Hz, 47.5Hz/52.5Hz |

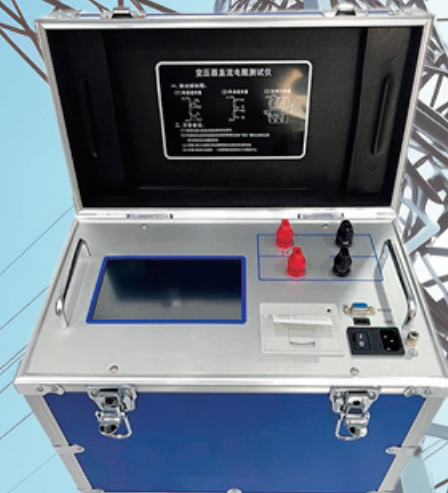


- Measures CVT high-voltage leads using a shielded reverse connection for C0's dielectric loss and capacitance.
- Internal inverter and sampling circuits are digitally managed, allowing continuous voltage adjustments.
- Utilizes digital trap wave tech to eliminate power frequency field interference for accurate measurements, even when using a generator after an outage.

TRANSFORMER DC WINDING RESISTANCE TESTER

RDZR-20A, RDZR40A, RDZR-50A

| | RDZR-20A | RDZR40A | RDZR-50A |
|--------------------|-------------------------------|--------------------------------|--------------------------------|
| Measuring Current | <20mA, 1A, 2.5A, 5A, 10A, 20A | <20mA, 2.5A, 5A, 10A, 20A, 40A | <20mA, 2.5A, 5A, 10A, 20A, 50A |
| Measuring Range | 100μΩ ~ 1Ω (20A) | 50μΩ ~ 500m (40A) | 40μΩ ~ 400m (50A) |
| | 500μΩ ~ 2Ω (10A) | 100μΩ ~ 1Ω (20A) | 100μΩ ~ 1Ω (20A) |
| | 1mΩ ~ 4Ω (5A) | 500μΩ ~ 2Ω (10A) | 500μΩ ~ 2Ω (10A) |
| | 2mΩ ~ 8Ω (2.5A) | 1mΩ ~ 4Ω (5A) | 1mΩ ~ 4Ω (5A) |
| | 5mΩ ~ 20Ω (1A) | 2mΩ ~ 8Ω (2.5A) | 2mΩ ~ 8Ω (2.5A) |
| Minimum Resolution | 0.1μΩ | | |



- High-speed microcontroller for highly automated operation and user-friendly interface.
- It is equipped with audible discharge alarms and clear indicators to reduce the risk of errors during operation.
- Equipped with robust protection measures to reliably withstand electromotive force impacts, ensuring outstanding performance and reliability.
- Fast response time enables seamless switching of on-load tap changers during measurement, and automatic data refresh.
- Utilizes power management technology to minimize energy consumption and heat generation, ensuring minimal power usage.

SFRA TEST EQUIPMENT

RDRB- IV

| | |
|-----------------------|--|
| Measuring Speed | 1 min- 2 min for single-phase winding |
| Output Voltage | Vpp-25V, adjusting automatically in the test |
| Output Impedance | 50Ω |
| Input Impedance | 1MΩ (the response channel is built with 50Ω matching resistance) |
| Frequency Sweep Scope | 10Hz-2MHz |
| Frequency Accuracy | 0.00001 |



- 1-2 minutes per winding.
- Exceptional 0.001% precision.
- SFRA test equipment utilizes digital frequency synthesis for stability.
- Includes 5000V voltage isolation for computer protection.
- Simultaneously loads 9 curves, auto-calculates parameters, and provides diagnostic guidance.
- Automates report storage and export in Word or JPG formats.

DUAL-CHANNEL DC RESISTANCE TESTER

RDZR-5AS, RDZR-10AS

| Model | RDZR-5AS | RDZR-10AS |
|----------------------------------|----------------------------|---------------------------------|
| High-voltage side output current | <15mA, 40mA, 200mA, 1A, 5A | <15mA, 40mA, 200mA, 1A, 5A, 10A |
| Test range High voltage side | 0.5mΩ ~ 0.8Ω (10A) | |
| | 1mΩ ~ 2Ω (5A) | |
| | 5mΩ ~ 10Ω (1A) | |
| | 100mΩ ~ 50Ω (200mA) | |
| | 1Ω ~ 250Ω (40mA) | |
| | 10Ω ~ 20kΩ (<15mA) | |



- Ensures precise resistance measurement.
- Incorporates advanced circuits, enhancing reliability and ensuring safety.
- Ideal for on-site transformer manufacturing, offering convenience and stability.
- Equipped with alarms and clear indicators for safety and accuracy.
- Features automated self-checks, data processing, and an intuitive display.
- Includes automatic discharge and dual-channel real-time sampling for convenience.

TRANSFORMER DEMAGNETIZATION TESTER

RDXC-3000A

| | |
|--------------------------|---|
| Output Voltage | Vpp-40v, automatic adjustment during the test |
| Output Current | 5A, 4A, 3A, 2A, 1A, optional |
| Remanence Rate | 0-100% |
| Demagnetization Progress | 0-100% |
| Minimum Resolution | 0.001 |
| Operating Power | AC100V-240V ±10% |
| Power Frequency | 50±1Hz |



- Employs advanced technology with minimal current impact.
- Ensures high demagnetization efficiency, allowing for operations on a single winding, thus saving valuable time.
- Offers both manual and automatic operation for added user convenience.
- Facilitates straightforward connection using DC resistance testing wires.
- Implements digital current adjustment for exceptionally accurate current control.

TRANSFORMER CAPACITY LOAD NO- LOAD TESTER

RDBK- III

| | |
|-----------------|---|
| Voltage Range | 15V ~ 500V (PT extension), Accuracy: ± (0.2% rdg ± 0.05% f.s) |
| Current Range | 0.5A ~ 15A (internal), Accuracy: ± (0.2% rdg ± 0.05% f.s) 0.5A ~ 50A (external) (can CT extension), Accuracy: ± (0.2% rdg ± 0.05% f.s) |
| Impedance Range | 0 ~ 100% |



- Automatic adjustments for frequency, temperature, and current, ensuring uniform and consistent data.
- Options for power supply include both an internal battery and external single-phase voltage stabilizers.
- Enjoy an extended range for precision measurements of voltage and current.
- Effortless operation is at your fingertips with the user-friendly 7.0-inch touchscreen interface.
- The built-in memory can conveniently store up to 160 test data sets.
- Swiftly obtain test results via the integrated high-speed thermal printer.

TRANSFORMER CORE GROUNDING CURRENT TESTER

RD8100B

| | |
|---------------|--|
| Power Supply | DC 9V alkaline dry battery LR6 1.5V×6 |
| Test Mode | Clamp CT |
| Jaw Size | 80mm×80mm |
| Current Range | AC 0.00mA ~ 100A |
| Resolution | AC 0.00mA ~ 9.99mA, resolution: 0.01mA |
| | AC 10.0mA ~ 99.9mA, resolution: 0.1mA |
| | AC 100mA ~ 999mA, resolution: 1mA |
| | AC 1.0A ~ 100.0A, resolution: 0.1A |



- Seamlessly store up to 200 data sets, conveniently transferable to a computer via USB.
- The device vividly showcases real-time current waveforms, ensuring users have a crystal-clear understanding of current conditions.
- Users can readily define alarm thresholds and witness visible alarm indicators.
- This tool features a suite of functions for extracting, archiving, and printing historical data, greatly simplifying the task of equipment maintenance record-keeping.

TRANSFORMER COMPREHENSIVE TEST BENCH

RDTBT

| | |
|-------------------|---|
| Voltage | Measuring range 1V ~ 500V, Accuracy: 0.1 |
| Current | Measuring range 100mA ~ 5A, Accuracy: 0.1 |
| Power | U*I, Accuracy: 0.2 |
| Working frequency | 50Hz |
| Power factor | 0.050 ~ 0.999, Accuracy: 0.2 |
| Frequency | 45 ~ 65Hz, Accuracy 0.1 |
| Test voltage | Uab, Ubc, Uac |
| Test current | Ia, Ib, Ic |



- Covers power transformers (10kV to 220kV, 10kVA to 10,000kVA) with tests including DC resistance, turns ratio, no-load loss, load loss, AC withstand voltage, and induced voltage withstand.
- Clear voltage and current displays; ability to print test results.
- Incorporates a slow rise and fall function for precise voltage adjustments.
- User-friendly operational steps with clear indications ensure ease of use.
- Prioritizes a user-friendly interface for optimal visibility.
- Allows flexible switching of low-voltage transformer taps.
- Easily switches between various test circuits on the platform.

SINGLE-STAGE HIGH VACUUM TRANSFORMER OIL PURIFYING MACHINE

DOUBLE-STAGE VACUUM TRANSFORMER OIL FILTRATION SYSTEM

ZYA SERIES

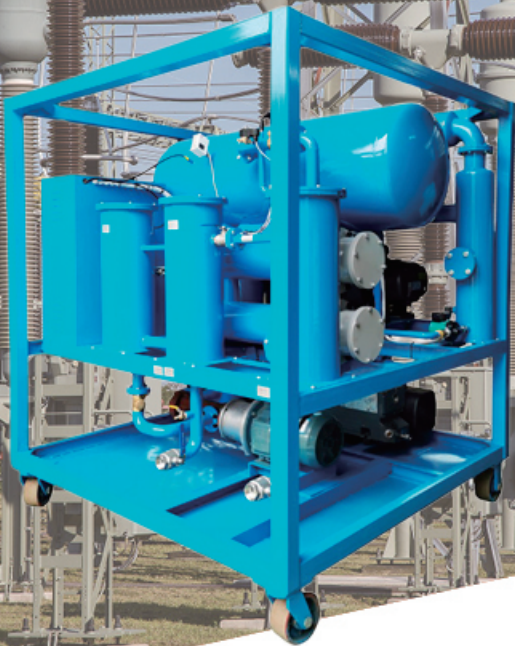
| Parameter | Used Oil | After Treatment |
|--|-------------------|----------------------|
| Moisture (Water Content) | 50 ppm | ≤ 10 PPM |
| Gas Content | 0.1 | ≤ 0.1% |
| Impurities Degree (Filtration precision) | 0.01 | ≤ 5 micron |
| Breakdown Voltage (Dielectric) | 20 kV | ≥ 65 KV at 2.5mm gap |
| Cleanliness | NAS 1638 Grade 10 | ≤ NAS 1638 Grade 5 |



- This machine is small, hi-efficient conveniently. And it can live operated with electrical, vacuum oiling the power equipment and dry moisture of power equipment.
- Distinctive removing the impurities technology filtering through double FH trapezoidal network and absorbing by high polymer without the mechanical power.
- Bi-infrared liquid Duplex 3D stereo-evaporation technology, dewatering and degassing very effectively.
- The oil of any grades can be treated on line at the working site.
- Heavy duty suitable for 24 hours continuous operation.
- Can work independently; also it can work with the oil regeneration system (optional).
- Can be operated both on-load and off-load.

ZYD SERIES

| Flow Rate | Liter/hour | 1800 | 3000 | 6000 | 10000 | 12000 | 15000 | 18000 |
|---|------------|--------------------|------|------|-------|-------|-------|-------|
| Recommended Max. oil volume in one storage tank | Tons | 6 | 12 | 24 | 40 | 60 | 90 | 110 |
| Relative Working Vacuum Degree | MPa | -0.08 ~ -0.099 MPa | | | | | | |
| Absolute Operating Vacuum Level | Pa | ≤ 8 Pa | | | | | | |
| Working Discharge Pressure | MPa | ≤ 0.5 | | | | | | |



- Special "T" shape double vacuum separation technology, double stages thin film drying degassing technology, double evaporation area and degassing time.
- Patented degassing tank: anti-foam structure & dual electronic foam monitoring system (key components are from Switzerland), completely eradicating oil entering into vacuum pump.
- Oil atomized particles size is less than 50µm, largely increasing efficiency for water molecules and gas molecules escaping from oil molecules.
- High density electrical heaters with surface efficiency below 1.5 W/cm2, with indirect heating to prevent local overheating and oil cracking & aging.

DOUBLE-STAGE VACUUM TRANSFORMER OIL PURIFIER

ZYD-F SERIES

| Flow rate | L/min | 30 | 50 | 100 | 150 | 200 | 250 | 300 |
|----------------------------|-------|----|----|----------------|-----|-----|-----|-----|
| Working vacuum degree | MPa | | | -0.08 ~ -0.099 | | | | |
| Working discharge pressure | MPa | | | ≤ 0.4 | | | | |
| Ultimate vacuum value | Pa | | | ≤ 10 | | | | |
| Temperature control range | °C | | | 20 ~ 80 | | | | |



- Double-stage high vacuum pumping system, strong power of vacuum evacuating, ultimate vacuum value $\leq 10\text{Pa}$.
- Special "T" shape double vacuum separation technology, double stages thin film drying degassing technology, double evaporation area and degassing time.
- Patented degassing tank: anti-foam structure & dual electronic foam monitoring system (key components are from Switzerland), completely eradicating oil entering into vacuum pump.
- Reliable Control System: Optimized design of control interlock protection device, overpressure alarm and protection, phase sequence protection, to ensure whole machine working stably for a long time.

INSULATING OIL DIELECTRIC STRENGTH TESTER

RDJJD-100KV

| | |
|------------------------|---|
| Booster capacity | 1.5 kVA |
| Step up speed | 0.5kV/s ~ 5.0kV/s, 10 gears optional, error 0.2kV/s |
| Output voltage | 0 ~ 100 kV |
| Voltage accuracy | 2% reading + 2 words |
| Power distortion rate | < 1% |
| Electrode gap standard | 2.5mm |
| Test times | 1 ~ 9 times optional |



- Controlled by a large capacity single chip microcomputer, which is stable and reliable;
- Equipped with temperature, humidity and clock display functions, and can be customized for infrared oil temperature measurement.
- The wide range watchdog circuit is set in the instrument to prevent the crash;
- A variety of standard options. The instrument program is equipped with IEC156 and self programming operation, which can adapt to a variety of choices of different users;
- The oil cup of the instrument is made of special glass and high polymer materials, which are processed finely to prevent oil leakage and corrosion;

INSULATING OIL DIELECTRIC STRENGTH TESTER

RDJDH-100KV

| | |
|------------------------|---|
| Booster capacity: | 1.5 kVA |
| Step up speed: | 0.5kV/s ~ 5.0kV/s, 10 gears optional, error 0.2kV/s |
| Output voltage | 0 ~ 100 kV |
| Voltage accuracy | 2% reading + 2 words |
| Power distortion rate | < 1% |
| Electrode gap standard | 2.5mm |



- Controlled by a large capacity single chip microcomputer, which is stable and reliable;
- The wide range watchdog circuit is set in the instrument to prevent the crash;
- A variety of standard options. The instrument program is equipped with IEC156 and self programming operation, which can adapt to a variety of choices of different users;
- The oil cup of the instrument is made of special glass and high polymer materials, which are processed finely to prevent oil leakage and corrosion;

WATER SOLUBLE ACID (PH) TESTER

RDPH-313D

| | |
|-------------------------------|---------------------------------|
| Measurement range | PH 3.6 ~ 7.0 |
| Measurement error | $\leq \pm 0.1\text{PH}$ |
| Resolution | 0.1PH |
| Constant temperature accuracy | $\pm 2\text{ }^{\circ}\text{C}$ |



- Adopts six cup integrated design, which can process and complete 1 ~ 6 types of tests in sequence at a time.
- High degree of automation, short measuring period and high working efficiency;
- Large screen color touch LCD display, simple operation and convenient man-machine dialogue;
- During testing, simply inject oil and water into the instrument according to standard regulations, and the instrument will automatically complete functions such as heating, oscillation, static placement, oil-water separation, color rendering, colorimetry, display and print measurement results.

INSULATING OIL MICRO WATER TESTER

RDKF-106D

| | |
|------------------------------|--|
| Titration method | Coulometric titration (coulometric analysis) |
| Display | Color LCD touch screen |
| Electrolysis current control | 0 ~ 400mA automatic control |
| Measurement range | 1 μ g ~ 200mg |
| Resolution | 0.1 μ g |

- The 32-bit embedded microprocessor is used as the main control core to embed the mini operating system.
- 0-400mA automatic detection, high precision, fast measurement speed, stable and reliable.
- The motherboard adopts high-quality SMT components with high integration, simple operation and long service life
- Contains 4 calculation formulas, and the measurement results are automatically converted to the required units and can be converted to each other.

KINEMATIC VISCOSITY TESTER

RDYN-331D

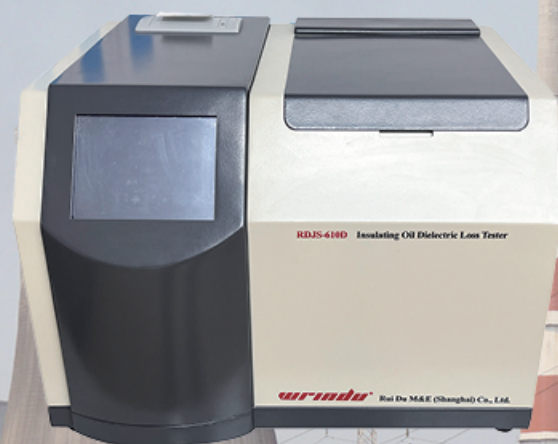
| | |
|------------------------------|--|
| Display | Color LCD touch screen |
| Temperature control range | Room temperature ~ 150°C |
| Temperature setting | 20°C , 40°C , 50°C , 80°C , 100°C , any value (higher than room temperature ~ 150°C) |
| Temperature control accuracy | $\pm 0.1^{\circ}\text{C}$ |
| Number of test holes | 4 |

- Adopt advanced digital PID temperature control technology, wide temperature control range and high temperature control accuracy;
- The control temperature can be set to any temperature (room temperature-150 $^{\circ}\text{C}$), and can also be used as a regular constant temperature water bath.
- Adopt high-definition color touch screen technology, rich and clear interface content, quick and flexible touch screen response
- It has the advantages of high measurement accuracy, fast speed, stable and reliable measurement data, etc
- Equipped with micro printer, it can print test data anytime and anywhere;

INSULATING OIL DIELECTRIC LOSS TESTER

RDJS-610D

| | |
|-----------------------|--|
| Power supply voltage: | AC 220 V \pm 10% |
| Power frequency | 50 Hz / 60 Hz \pm 1% |
| | Capacitance is 5pF \sim 200pF |
| Measurement range | The relative permittivity is 1.000 \sim 30.000 |
| | The dielectric loss factor is 0.00001 \sim 100 |
| | DC resistivity 2.5 M Ω m \sim 20 T Ω m |



- Adopts medium frequency induction heating and PID temperature control algorithm. The 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 electrode capacitor. The dielectric loss and capacitance of the capacitor are not affected by the ambient temperature and humidity, so that the accuracy of the instrument can still be guaranteed after a long time of use.
- Perfect protection function. When there is over-voltage, over-current, high voltage short circuit, the instrument can quickly cut off the high voltage, and send out a warning message. When the temperature sensor fails or is not connected, a warning message is issued.

INSULATING OLEIC ACID VALUE TESTER

RDSZ-303D

| | |
|--------------------|-----------------------|
| Test range | 0.001~ 0.400 mgKOH/g; |
| Minimum resolution | 0.001 mgKOH/g |
| Repeatability | 2~5% (RSD) |



- Three cup integrated design, suitable for testing the oleic acid value of transformer oil and steam turbine;
- Adopts microcomputer control to automatically complete liquid addition, stirring, titration, and endpoint determination
- Touch type color LCD display screen, accurate parameter input response, stable and reliable display performance;
- It can display up to 35 sets of measurement results separately and print out multiple parameters related to the measurement.
- The design structure of the case is simple and reasonable, the volume is small and exquisite, and the appearance is elegant and generous;

INTERFACE TENSION TESTER

RDZL-321D

| | |
|--------------------|---|
| Measurement Method | Platinum Ring Method (DuNouy Ring method) |
| Measurement range | 5 ~ 200 mN/m |
| Accuracy | 0.1% reading \pm 0.1 mN/m |
| Resolution | 0.1 mN/m |
| Sensitivity | 0.1 mN/m |
| Power supply | AC220V, 50Hz |



- Wien bridge sine wave oscillator composed of high-precision and high-speed operational amplifiers, characterized by low distortion and easy debugging.
- Easy to operate and works stably and reliably. Under non-equilibrium conditions, it can measure the surface tension of various liquid-gas phases and the interfacial tension of liquid-liquid phases, and automatically calculate the tension value.
- Adopts a newly improved magnetic tank sealed electromagnetic force balance sensor, which improves response speed and linearity.
- The new sensor only needs to be calibrated at one point, solving the problem of multiple-point calibration required by the previous generation sensor to ensure linearity and accuracy.

HIGH-END MULTIFUNCTION CLAMP EARTH RESISTANCE TESTER

RDER2200

| | |
|-------------------------|-------------------------------|
| Resistance Range | 0.01 Ω ~ 1500 Ω |
| Resistance Resolution | 0.001 Ω |
| Resistance Max Accuracy | \pm (1% + 0.01 Ω) |
| Current Range | 0.00mA ~ 40.0A |
| Current Resolution | 0.001mA |
| Current Max Accuracy | \pm (1.5% + 0.5mA) |
| Data Storage | 999 groups |



- It offers diverse display combinations like resistance + current, resistance + time, and current + time, providing flexible monitoring options
- With an extensive measurement range, this product ensures thorough coverage while conserving power efficiently.
- Capable of storing up to 999 data groups, enabling robust and organized data storage capabilities.
- Equipped with a nickel-metal hydride rechargeable battery, ensuring long-lasting and eco-friendly power support.
- Comes with comprehensive monitoring software for real-time monitoring, historical data analysis, customizable alarm settings, and streamlined data management functions.

INSULATION RESISTOR TESTER

RD3020E

| | |
|-------------------------------|----------------------------------|
| Rated Voltage | 50V, 250V, 500V, 1kV, 2.5kV, 5kV |
| Insulation Resistance Range | 0.005MΩ ~ 5.00TΩ |
| Custom Setting Output Voltage | 40V ~ 5kV |



- Boasts a vivid display of test results and battery status, with a user-friendly interface.
- Combines both knobs and buttons for straightforward and intuitive operation.
- Offers the flexibility to choose PI and DAR calculation methods, as well as adjust test voltage and duration settings to accommodate specific testing.

SOIL RESISTIVITY METER

RD3022E

| | |
|---------------------|--|
| Power Supply | DC 7.4V 2600mAh rechargeable lithium battery, full of about 8.4V |
| Auto-shut off | Automatically shut down after 10 minutes |
| *Measurement Range* | Earth Resistance: 0.00Ω ~ 30.00kΩ |
| | Soil Resistivity: 0.00Ωm ~ 9000kΩm |
| | Earth Voltage: 0V ~ 600V |

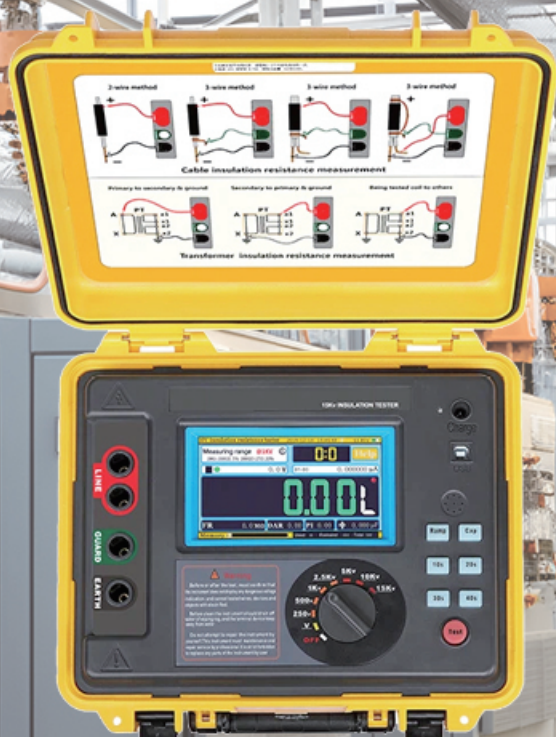


- Excels in on-site ground resistance and soil resistivity measurements, using advanced digital technology for accuracy through various methods.
- Incorporating FFT and AFC technologies, it effectively mitigates interference, ensuring consistent and reliable performance.
- With an enhanced waterproof casing conforming to IP65, offers robustness and durability for outdoor applications.
- Featuring an LCD, white screen backlight, and bar graph indication, it provides an intuitive experience with data storage capacity.

INSULATION RESISTANCE TESTER

RD3215E

| | |
|-------------------------------|--|
| Rated Voltage | 50V, 250V, 500V, 1kV, 2.5kV, 5kV, 10kV, 15kV |
| Insulation Resistance Range | 0.005MΩ ~ 30.0TΩ |
| Custom Setting Output Voltage | *40V ~ 15kV" |



- Offers a wide range of features for assessing insulation resistance parameters, with customizable modes and formulas for precision.
- The full-color touchscreen displays test data and battery status for easy navigation and access to records.
- Unique anti-interference technology ensures consistent and reliable results in challenging environments.
- The dual-layer housing with IP65 protection shields the tester from moisture, dust, and impacts in various settings.
- Supports USB and Bluetooth for efficient data transfer and storage.

DOUBLE CLAMP GROUNDING RESISTANCE TESTER

RD3032E

| | |
|----------------------------|---|
| Power Supply | DC 7.4V 2600mAh rechargeable lithium battery, full of about 8.4V |
| Short-circuit Test Current | AC 100mA max |
| Protection Level | IP65 (close the case) |
| Measuring Rate | AC: about 2 times/second Earth Voltage: about 2 times/second Earth resistance, soil resistivity: about 7 seconds/time |



- Utilizes precise 4-wire, 3-wire, 2-wire, selection, and dual-clamp methods for adaptability and precision.
- Features a spacious aperture current sensor for measuring ground leads, expanding the measurement range.
- Accurately assesses grounding resistance in diverse complex conditions, eliminating the need to disconnect parallel grounding electrodes, and enhancing convenience.
- Incorporates advanced FFT and AFC technologies for highly accurate, stable, and reliable measurement results.

GROUNDING CONTINUITY TESTER

RDDT-10A

| | |
|--------------------|-----------------------|
| Test Current | AUTO, 1A, 3A, 5A, 10A |
| | 0.8mΩ-0.8Ω (10A) |
| | 1mΩ-2Ω (5A) |
| Measuring Range | 5mΩ-3Ω (3A) |
| | 10mΩ-10Ω (1A) |
| Minimum Resolution | 0.1μΩ |
| Accuracy | ± (0.5%±2 digits) |



- 1. Using high-performance single chip microcomputer control, the test process can be intelligent.
- 2. Small size, easy to carry and operate.
- 3. High precision, fast testing speed, good repeatability and intuitive reading.

GROUND GRID TESTER

RDWR-5A

| | |
|--|--|
| Measurement Range | 0 ~ 5000Ω (including current pile impedance) |
| Resolution | 0.001mΩ |
| Measurement Error | ± (reading×2% + 0.005Ω) |
| Anti-power Frequency 50 Hz Voltage Interference Ability | 10V |
| Test Current Waveform | Sine Wave |



- 1. The measured power frequency equivalence is good.
- 2. Strong anti-interference ability. High anti-interference performance makes the test data stable and reliable.
- 3. High measurement accuracy; the basic error is only 0.005 Ω.
- 4. Powerful function. It can measure current pile, voltage pile, grounding grid impedance, grounding resistance, grounding conduction, soil resistivity, etc.
- 5. Full touch LCD and super large full graphic operation interface have each process very clear.