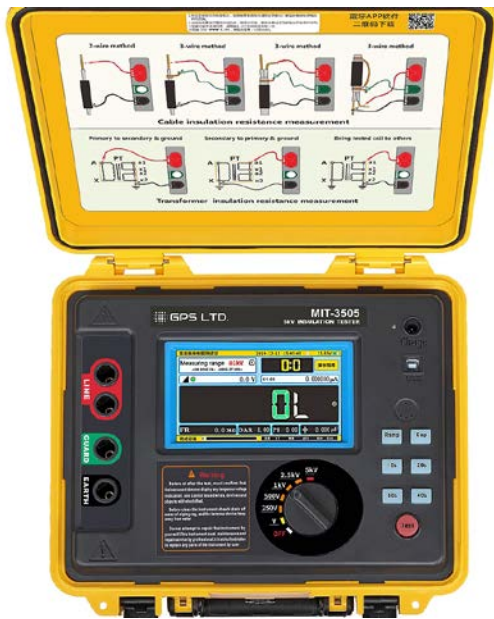


GPS-

MIT-3505



An advanced test set for the diagnostic testing and maintenance of high voltage electrical equipment

The MIT-3505 adopts perfect testing function of various insulation resistance parameters and excellent anti-interference ability, which can be used to test the insulation resistance of large capacity high voltage electrical equipment and transmission lines in substation with strong induction electric environment. With its true-colour touch screen, large indicators, buttons and switch knob, operation is made incredibly easy even for a first-time user. Press the HELP button at any time for on screen guidance. The test timer automatically records and stores all relevant data and can be uploaded to a computer for further analysis. If you are looking for an instrument with wide measurement range, high resolution, convenient operation, strong and durable, accurate, and reliable, stable performance, and strong anti-interference ability, then the MIT-3505 is perfect for you.

Key Features

- Strong, robust, and portable with an IP65 outer case
- Easy to use with clear markings
- Insulation Resistance Range: 0.5MΩ~10TΩ
- Rated Voltage: 250v~5Kv(5gears)
- Output Short Circuit Current: ≥7mA
- Powered by rechargeable lithium battery
- Suitable for insulation resistance testing of cable, motor, generator, transformer, mutual inductor, high voltage switch, arrester, and other large equipment.
- PC connectivity

Applications

- Power
- Telecommunications
- Meteorology
- Computer rooms
- Oil fields
- Mechanical and electrical installation
- Maintenance and power supply departments

www.gpslimited.com/MIT3505
 For all enquiries, Tel: +44 (0) 208 964 3600
 Email: info@gpslimited.com

HV INSULATION RESISTANCE TESTER

Technical Specifications

MIT-3505 Insulation Resistance Tester	
Functions	Insulation resistance measurement (IR); polarization index measurement (PI); Dielectric Absorption Ratio Test(DAR); Ramp Test Mode(RAMP); filtered resistance test(10S, 20S, 30S, 40S 4 options); Voltage measurement(V); capacity measurement(uF); current measurement(nA)
Rated voltage	250V, 500V, 1KV, 2.5KV, 5KV
Output Voltage Accuracy	(5%~10%) ±10V
Insulation Resistance Range	0.5MΩ~10TΩ
Output Short Circuit Current	>7mA
Polarization Index Test	YES
Polarization Index Test	YES
Ramp Test Mode	Test at 10% of the preset voltage until the preset voltage
Filtered Resistance Test Mode	10S, 20S, 30S, 40S
Voltage Measurement	Range: AC/DC 0V~1000V; Accuracy: ± 5 %rdg ± 3V
Capacitance Measurement	Range: 10nF~25uF; Accuracy: ± 10%rdg ± 10 nF
Leakage Current Measurement	Range: 0.00nA~9 mA; Accuracy: ± 5%rdg ± 0.5 nA
Voltage Monitor	Monitor the voltage of the measured object, and monitor discharge status after test. Forbidden to test when voltage is larger than 36V, protects instrument and operator
Test Time	Automatic record test time, time range: 0s~9999s
Storage Function	Automatically store the test data with test date and time, total of 1000 groups
Upload Function	Upload the stored data to computer with USB communication cable.
Power Supply	Rechargeable lithium battery pack 6.2Ah
Accessories	
Standard Accessories	High pressure bar, Hook, USB communication cable, CD software, Charger, Crocodile clip test line, Alligator clip, Carry bag, User manual

General Specifications

Part Numbers / Optional Accessories		
Code	Item	Part Number
MIT-3505	High Voltage Insulation Resistance Tester	466980

Mass
4.9kg/11.0lbs approx. (main unit and accessories)

Dimension
Main unit: 280(L)×260(W)×160(H)mm

Operating
Temp -10°C to 40°, humidity RH<80%

Storage
Temp -10°C to 60°, humidity RH<70%

Services
1-year warranty (subject to product registration with GPS Ltd)
Please contact for more information.

www.gpslimited.com/MIT3505
For all enquiries, Tel: +44 (0) 208 964 3600
Email: info@gpslimited.com