



DT-5505

Insulation Testers

When doing power installation, 5505 can provide some special help. When doing insulation test, it can provide 125V, 250V, 500V and 1000V source for the test and under each range it can supply more 1mA current to feed the capacitance load. With the auto-range function, it can measure up to 4000 MegaOhm with the resolution of 1Kohm. These characteristics are also specified in the safety regulations in CE document.

Auto-discharge of capacitive voltage for added user protection

Live circuit detection prevents insulation test if voltage >30V is detected for added user protection

Min/Max recording & Data Hold

1mA test current for MegOhm range at rated voltage

200mA short current for continuity range

Additional test voltages

125V, 250V, 500V, 1000V




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| Features |
| Meets IEC10101, CATIII 1000V |
| Large dual display with analog bargraph & backlight |
| Test hold & lock function for easy operation |
| Easy to carry testing package |
| Over range Indication |
| Low Battery Indication |
| Includes 6 AA batteries, test leads and plastic carrying case |

Size (H x W x D): 200mm x 92mm x 50mm

Weight: 582g

| Specifications | DT-5505 | | |
|------------------------|---|----------------|------------------|
| Function | Range | Max Resolution | Basic accuracy |
| Voltage AC | 750V | 1V | ±1.2%rdg ±10dgts |
| Voltage DC | 1000V | 1V | ±0.8%rdg ±3dgts |
| Resistance | 40Ω, 400Ω | 0.01Ω, 0.1Ω | ±1.5%rdg ±6dgts |
| Insulation Resistance | 4M,40M,400M,4000MΩ | 1kΩ~1MΩ | ±2.0%rdg ±6dgts |
| Test Voltage & Current | 125V/250V/500V/1000V & 1mA nominal | | |
| Continuity Test | Active Sound Level: ≤40Ω, Test current ≤200mA | | |
| Operating Temp | 0°C~40°C (<80%R.H.) | | |
| Storage Temp | -10°C~60°C (<70%R.H.) | | |
| Power Source | 1.5V "AA" size Battery x 6 | | |

Applications




CE

Insulation Testers

When doing power installation, 5505 can provide some special help. When doing insulation test, it can provide 125V, 250V, 500V and 1000V source for the test and under each range it can supply more 1mA current to meet the capacitance load. With the auto-range function, it can measure up to 4000 MegaOhm with the resolution of 1Kohm. These characteristics are also specified in the safety regulations in CE document.

- Auto-discharge of capacitive voltage for added user protection
- Live circuit detection prevents insulation test if voltage >30V is detected for added user protection
- Min/Max recording & Data Hold
- 1mA test current for MegOhm range at rated voltage
- 200mA short current for continuity range
- Additional test voltages 125V, 250V, 500V, 1000V



• Large dual LCD display with bargraph

• Double molded plastic housing

• CAT III 1000V

Accessories: Test leads, "AA" Battery x 6 and gift box with carrying case.