

Three-phase Electrical Safety Comprehensive Tester AN9651TH(F)

- ★ **8-in-1:** ACW/DCW/IR/GB/LC/PW/ST/WT
- ★ **High stability:** 2% accuracy for safety comprehensive tester, 0.5% accuracy for power
- ★ **Single/three-phase:** suitable for comprehensive test of single /three-phase products

Product Introduction

This AN9651TH(F) series electrical safety comprehensive tester has eight-in-one testing (ground bond resistance/insulation resistance/AC withstand voltage/DC withstand voltage/leakage current/power parameters/start-up/waiting), compatible three/single-phase loads, suitable for safety testing of line, labs, quality inspection department of electrical appliances such as central air conditioning, commercial heaters, commercial kitchen utensils and others.

Features

- ★ **Multi industrial standards:** comply with CCC, IEC, EN, VDE, BS, UL, JIS and other mandatory electrical safety standards. 200mA or higher short-circuit output current for 500VA withstand voltage (AC 5kV/100mA). Built-in replaceable MD card for leakage contact current test network, suitable for various industrial standards for different MD.
- ★ **Complete functions:** AC withstand voltage, DC withstand voltage, insulation resistance, ground bond resistance, leakage current, operating power, low-voltage start and waiting.

Specifications

Model	AN9651TH(F)
AC withstand voltage (ACW)	5kVac/100mA
DC withstand voltage (DCW)	6kVdc/10mA
Insulation resistance (IR)	1kVdc/2000MΩ
Ground bond resistance (GB)	32Aac/600mΩ
Leakage current (LC)	Single/three-phase load, 500V/30A, MD-A (IEC60990 Figure 4), RMS
Power test (PW)	Single/three-phase load, 500V/30A, three-phase 20kW (optional 45kW/60kW/90kW)
Start-up test (ST)	Single/three-phase, 500V/30A
Interface	10" color LCD, RS232/PLC port
Load power supply	Built-in 20kVA isolation transformer (optional 45kVA/60kVA/90kVA isolation transformer or variable frequency power supply)
Dimensions	600x1600x500 (WxHxD, mm)



- ★ **Multi power supply:** built-in isolated power unit, automatically control of power supply of the product under test; external variable frequency power supply for testing online. Optional three-phase isolation transformers or variable frequency power supply and U.S. standard power supply of various specifications (20kVA\45kVA\60kVA\90kVA).
- ★ **Intelligent test:** 15 groups of memory of test conditions, 8-step programming for each group; one-key start to complete all tests.
- ★ **Automatic control:** interfaces for RS232/RS485/LAN (optional), barcode scanner, variable frequency power supply control, digital control, easy to configure automatic test systems.
- ★ **Information management:** optional PC and ESRS software for barcode recognition, data management, MES connection.
- ★ **Simple operation:** 10.4" TFT color screen, menu operation, Chinese/English display, socket-type test tooling.