

Multi-channel Intelligent Electrical Safety Analyzer AN1635(F)/AN1636(F)/AN1637(F)/AN1638(F)/AN1632(F) Series



- ★ **4-in-1:** ACW/DCW/IR/GB
- ★ **High precision:** 1% accuracy for safety comprehensive analyzer
- ★ **High speed:** GB and ACW/DCW/IR in parallel
- ★ **Informatization:** Android platform, data storage, MES connection

Product Introduction

This Ainuo AN16(F) series multi-channel intelligent electrical safety analyzer has the characteristics of intelligence, high speed and high precision, with functions for AC/DC withstand voltage, insulation resistance, AC ground bond resistance test, arc detection, open/short circuit detection, electric shock protection, multi-channel switching and others.

This series of products has wide ranges: 5kV/100mA (or 40mA) AC withstand voltage, 6kV/20mA DC withstand voltage, 6kV/50GΩ insulation resistance, 64A (or 32A)/600mΩ AC ground bond resistance test.

This series of product has an intelligent platform, informatization functions and automatic interfaces, meeting requirements of high-quality development, intelligent manufacturing and industrial upgrading.

This series of products can meet the safety testing requirements of various electrical products with multi-input and multi-output, such as switching power supplies, power adapters, frequency converters, inverters, UPS, motors, electric drives, batteries, and charging piles.

Features

Safe and reliable

- Draft units who participated in drafting of national standards and verification regulations for safety comprehensive tester;
- 30 years of experience on safety testing expertise and understanding of customer needs;
- Complete electromagnetic environment, load conditions, endurance test verification;
- Electric shock protection, arc detection, open/short circuit detection and other functions.

Convenient and efficient

- Fast measurement and control: fast test, switching and discharge;
- Parallel test: GB and ACW/DCW/IR in parallel, doubled speed;
- Flexible configuration: multi functions, channels and models.

Intelligent and automatic

- Smart safety compliance analyzer: Android system, 7" touch screen, self-learning smart keyboard;
- Data management: local storage, network transmission, direct connection with MES system;
- Interfaces: RS232, USB, LAN, WIFI, PLC, I/O control.

Specifications

Model	AN1638H(F) ACW/DCW/IR/GB	AN1637H(F) ACW/DCW/IR/GB	AN1636H(F) ACW/DCW/IR	AN1635H(F) ACW/DCW/IR	AN1632H(F) ACW/IR	AN1632D(F) DCW/IR
AC withstand voltage (ACW)	5kVac/100mA	5kVac/40mA	5kVac/100mA	5kVac/40mA	5kVac/40mA	No
DC withstand voltage (DCW)	6kVdc/20mA				No	6kVdc/20mA
Insulation resistance (IR)	6kVdc/50GΩ					
Ground Bond resistance (GB)	64Aac/600mΩ	32Aac/600mΩ	No			
Parallel	GB and ACW/DCW/IR in parallel		No			
Multi-channel	Optional 8-channel high-voltage or ground card		Optional 8-channel high-voltage card			
Interface	Android system, 7" touch screen, RS232 \ LAN \ WiFi \ PLC \ USB interface					
Dimensions	426x132x520 (W×H×D, mm)					