

Intelligent Safety Analyzer AN1635H-10kV(F)/AN16310H(F)/AN16320A(F) Series



Product Overview

Ainuo Instrument Co., Ltd has been dedicated to the research and development of electrical safety analyzers for over 30 years, and has participated in drafting 16 national standards and industry calibration regulations for safety analyzers.

The AN1635H-10KV(F) Series Intelligent Safety Analyzer has the characteristics of complete functions, high voltage, automation, and informatization, providing comprehensive safety test solutions for various electrical products.

Features

- Multi-function:** ACW/DCW/IR/BDV test
- High voltage:** maximum output 20KV, maximum capacity 5kVA, multi-channel scanning
- Automation:** RS232/LAN/USB/BARCODE/IO/ALARM/HD-MI interfaces
- Informatization:** Local store, data filter/export, MES database integration
- Intelligent:** Android platform, 7" touchscreen, barcode recognition, intelligent matching, etc

Applications

- Safety requirements for electrical equipment for measurement, control, and laboratory use (GB4793.1/IEC61010-1)
- Safety Requirements of traction battery used by electric vehicles (GB38031-2020)
- Safety requirements of secondary lithium cells and batteries used in electrical energy storage systems (GB44240-2024)
- Terrestrial photovoltaic (PV) modules - Design qualification and type approval (IEC61215-1-2021)
- General principles low voltage switchgear and controlgear Part 1 (GBT14048.1/IEC60947-1)
- Insulating materials. Test methods for electric strength. Part 1: Test at power frequencies (GBT1408.1-2016)
- Insulating materials. Test methods for electric strength. Part 2: Additional requirements for tests using direct voltage (GBT1408.2-2016)
- Test and Certification Specification for Automotive Grade Semiconductor Power Devices (T/CASA 011.3-2021)
- Semiconductor Devices Part 5-5: Optoelectronic Devices Optocouplers (GB-T 15651.5-2024 IEC60747-5-5-2020)

Specifications

Model Function	AN1635H-10KV(F) ACW/DCW/IR(CE marking)	AN16310H(F) ACW/DCW/IR	AN16320A(F) ACW
AC withstand voltage (ACW)	10kVac/20mA	10kVac/40mA(optional 100mA 400mA)	20kVac/20mA
DC withstand voltage (DCW)	10kVdc/20mA	10kVdc/20m(optional 100mA)	/
Insulation Resistance (IR)	10kVdc/50GΩ		/
DC ground bond resistance (DCGB)	Optional 40A/60A/100A DCGB card		/
Multiple cards	Optional 6-channel multi-channel scanning card		/
Operation interface	Android system, 7" touch screen, RS232/LAN/WIFI/PLC/USB interface		
Informatization	Local store, data filter and export; barcode recognition and automatic program matching, MES system integration; optional HDMI interface, supporting external LCD display, keyboard/mouse;		
Dimensions (W×H×D mm)	426×132×520	426×177×520 (The high current optional chassis is customized in size)	426×177×550