

## Intelligent Safety Analyzer AN1633A(F)/AN1633B(F) Series



AN1633A(F) 5-module  
10-channel parallel



AN1633B(F) 5-module  
parallel 3-channel scanning

### 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 AN1633A(F) Series Intelligent Safety Analyzer has the characteristics of modular, 10-channel parallel, synchronous/asynchronous control, providing comprehensive and fast safety test solutions for various electronic components such as switching power supplies, inverters, transformers, relays, etc.

### Features

- Three-in-one:** ACW/DCW/IR test
- Multi-module:** built-in 1~5 independent modules, plug-and-play
- Multi-channel:** 5 modules with 10 independent channels, 5 modules \* 3 channels for scanning
- Multiple operating conditions:** synchronous/asynchronous, independent parameter settings, common loop test
- Multi-window:** 10" touchscreen, independent windows for displaying results of each channel

### Applications

- Audio/video, information and communication technology equipment (GB4943.1/IEC62368-1)
- Multi-point ACW/DCW and common ground test scenario for a product: It can meet the needs of power supplies, inverters, transformers, new energy vehicle PDUs, and other one-time multi-point ACW/DCW and common case (PE) test applications.
- Test multiple products simultaneously: safety test of electronic components such as chargers, lithium batteries, relays, contactors, connectors, etc., parallel test of up to 10 products one time.

### Specifications

Model Function	AN1633A-10(F) The suffix -4/6/8/10 represents the number of channels	AN1633B-5(F) The suffix -2/3/4/5 represents the number of modules
AC withstand voltage (ACW)	5kV/10mA	5kV/20mA
DC withstand voltage (DCW)	6kV/8mA	6kV/10mA
Insulation Resistance (IR)	2.5kV/100GΩ	2.5kV/100GΩ
Module selection	2~5 modules, with 2 independent test units per module	2~5 modules, each module with 3-channel (H/L/X) for scanning
Number of channels	4/6/8/10 independent channels per analyzer	6/9/12/15 scanning channels per analyzer
Start mode	Synchronous/asynchronous test between channels	Synchronous/asynchronous test between modules
Operation interface	10" touch screen, RS232/PLC/LAN interface, 8G memory, MES connection	
Dimensions (W×H×D mm)	426×177×640	