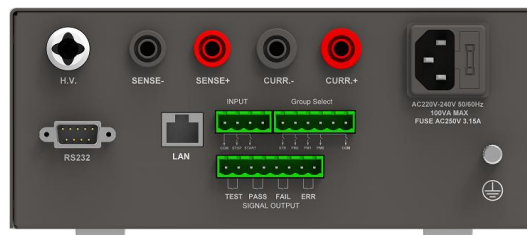
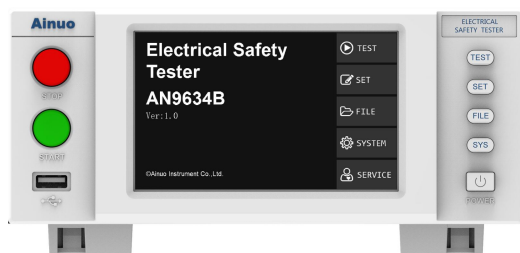


AN9633B(F)/34B(F)/35B(F)/36B(F)/37B(F)/38B(F) Electrical Safety Comprehensive Tester

- ※ Four-in-one: ACW/DCW/IR/GB
- ※ High precision: 1% accuracy for safety compliance analyzer
- ※ High speed: Fastest 0.5s test, simple operation



Product Introduction

This Ainuo AN9633B(F)/34B(F)/35B(F)/36B(F)/37B(F)/38B(F) series multifunctional safety tester has multi-functional combinations of AC/DC withstand voltage, insulation resistance and AC ground bond resistance, meeting the safety testing requirements of various electronic components and electrical products.

This series of product features compact, light and rich interfaces, suitable for desktop testing, system integration and other operating conditions.

This series of product has RS232/RS485/LAN/USB/PLC multiple communication ports, meeting requirements of intelligent manufacturing and industrial upgrading in electrical manufacturing industry.

Features

★ Safe and reliable

- ※ Draft units who participated in drafting of national standards and verification regulations for safety compliance analyzers;
- ※ 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;
- ※ Touch screen: unique keys + touch screen, easy to operate;
- ※ Flexible configuration: multi functions, interfaces and models.

★ Light and durable

- ※ Compact: four-in-one function, 2U high, standard 1/2 wide chassis;
- ※ Interfaces: RS232, PLC, USB, LAN (optional).

Specifications

| | AN9638B(F) ACW/DCW/IR/GB | AN9637B(F) ACW/DCW/IR/GB | AN9636B(F) ACW/DCW/IR | AN9635B(F) ACW/DCW/IR | AN9634B(F) ACW/DCW/IR/GB | AN9633B(F) ACW/DCW/IR |
|--------------------------------------|---|-----------------------------|--------------------------|--------------------------|-----------------------------|--------------------------|
| AC withstand voltage (ACW) | 5kV/100mA | 5kV/40mA | 5kV/100mA | 5kV/40mA | 5kV/20mA | |
| DC withstand voltage (DCW) | 6kV/10mA | | | | | |
| Insulation resistance (IR) | 1kV/50GΩ | | | | | |
| Ground bond resistance (GB) | 32Aac/600mΩ | 32Aac/600mΩ | None | | 32Aac/600mΩ | None |
| Interface | 5" color LCD touch screen, RS232/PLC/USB/LAN (optional) | | | | | |
| Dimension (mm) | 250 (W) *118 (H) * 440 (D) | | | | 213 (W) *88 (H) *360 (D) | |

Specifications

| Function | | | Technical indicator |
|------------------------------------|-----------------------|----------------------|---|
| AC withstand voltage test | Rated output capacity | | AN9633B(F)/34B(F): 100VA (5kV/20mA) |
| | | | AN9635B(F)/37B(F): 200VA (5kV/40mA) |
| | | | AN9636B(F)/38B(F): 100VA (5kV/100mA) |
| | Output voltage | Range/Accuracy | Range:(100~5000)V,resolution:1V,allowable error±(1%×setting value+5V); |
| | Output frequency | Range/Accuracy | 50Hz/60Hz,allowable error±0.1Hz |
| | Alarm current | Upper limit/Accuracy | Range:(0.00~20.00 or 40.00 or 100.00)mA,resolution:0.01mA,allowable error±(1% ×reading value+5 counts) |
| | | Lower limit/Accuracy | Range:(0.000~9.999)mA,resolution:0.001mA,allowable error±(1%×reading value+5 counts) |

| | | | |
|----------------------------|-----------------------|----------------------------|--|
| | Time | Range | Range:0,(0.5~999.9)s,0 is infinite, resolution:0.1s,allowable error $\pm(0.1\%\times\text{setting value}+2\text{ counts})$ |
| | | Ramp-up time | Range:0,(0.1~999.9)s,0 is off, resolution:0.1s,allowable error $\pm(0.1\%\times\text{setting value}+2\text{ counts})$ |
| | | Ramp-down time | Range:0,(0.1~999.9)s,0 is off, resolution:0.1s,allowable error $\pm(0.1\%\times\text{setting value}+2\text{ counts})$ |
| | Arc detection | | Level 1~9(9: highest level), 0: off |
| DC withstand voltage test | Rated output capacity | | 60VA (6kV/10mA); |
| | Output voltage | Range/Accuracy | Range:(100~6000)Vdc,resolution:1V,allowable error $\pm(1\%\times\text{setting value}+5\text{V})$ |
| | Alarm current | Upper limit/Accuracy | Range:(0.0~10000) μA ,resolution:0.1 μA /1 μA , allowable error $\pm(1\%\times\text{reading value}+5\text{ counts})$ |
| | | Lower limit/Accuracy | Range:(0.0~999.9) μA ,resolution:0.1 μA , allowable error $\pm(1\%\times\text{reading value}+5\text{ counts})$ |
| | Time | Range | Range:0,(0.5~999.9)s,0 is infinite,resolution:0.1s,allowable error $\pm(0.1\%\times\text{setting value}+2\text{ counts})$ |
| | | Ramp-up time | Range:0,(0.4~999.9)s,0 is off,resolution:0.1s,allowable error $\pm(0.1\%\times\text{setting value}+2\text{ counts})$ |
| | | Ramp-down time | Range:0,(1~999.9)s,0 is off,resolution:0.1s,allowable error $\pm(0.1\%\times\text{setting value}+2\text{ counts})$ |
| | Arc detection | | Level 1~9(9: highest level), 0: off |
| Insulation resistance test | Rated output capacity | | 1000Vdc/50G Ω |
| | Output voltage | Range/Accuracy | Range:(100~1000)Vdc,resolution:1V,allowable error $\pm(1\%\times\text{setting value}+5\text{V})$ |
| | Alarm resistance | Range of upper/lower limit | Range:0.10M Ω ~50000M Ω , the upper limit includes no upper limit setting |
| | | Accuracy | 100~499V:0.10M Ω ~999.99M Ω , 1000~2000M Ω , $\pm(5\%\times\text{reading value}+2\text{ counts})$ 500~1000V:0.10~999.99M Ω , $\pm(2\%\times\text{reading value}+2\text{ counts})$, 1000~9999M Ω , $\pm(5\%\times\text{reading value}+2\text{ counts})$ 10000~50000M Ω , $\pm(15\%\times\text{reading value}+2\text{ counts})$ |
| | Time | Delay decision time | Range:0,(0.5~999.9)s,0 is infinite,resolution:0.1s,allowable error $\pm(0.1\%\times\text{setting value}+2\text{ counts})$ |
| | | Ramp-up time | Range:0,(0.1~999.9)s,0 is off,resolution:0.1s,allowable error $\pm(0.1\%\times\text{setting value}+2\text{ counts})$ |
| | | Ramp-down time | Range:0,(1.0~999.9)s,0 is off,resolution:0.1s,allowable error $\pm(0.1\%\times\text{setting value}+2\text{ counts})$ |

| | | | |
|--|-------------------------|--|--|
| | | | value+2 counts) |
| AC ground bond resistance test (AN9634B (F)/37B(F)/ 38B(F)) | Rated output capacity | | Max test current 32Aac,max resistance 600mΩ,open-circuit voltage<12Vac |
| | Output current | Range/Accuracy | Range:(2.0A-32.0A)AC,resolution:0.1A,allowable error±(1%×setting value+2 counts) |
| | Output voltage | Range/Accuracy | Open-circuit voltage range:(3.0~10.0) V AC,resolution:0.1V,allowable error±(1%× setting value+2 counts) |
| | Output frequency | Range/Accuracy | 50Hz/60Hz,allowable error±0.1Hz |
| | Alarm limit | Range of resistance upper/lower limit | 3 A≤output current≤10A: 0.1 ~ 600 mΩ 11A≤output current≤32A: 0.1-R, R = 6400/setting current (mΩ) resolution:0.1/1mΩ |
| | | Accuracy | <100mΩ,±(1%×reading value+1mΩ); ≥100mΩ,±(1%×reading value+2 counts) |
| | Test time | Range/Accuracy | Range:0,(0.5-999.9)s,0 is infinite,resolution:0.1s,allowable error±(0.1%×setting value+2 counts) |
| Other configura- tion | Display | LCD, 5" color touch screen | |
| | Communication interface | | RS232 (optional RS485) , USB、LAN (optional) |
| | Control interface | | I/O interface |
| Dimension (mm) | | AN9633B(F)/34B(F) | 213(W)*88(H)*360(D) |
| | | AN9635B(F)/36B(F)/37 B(F)/38B(F) | 250 (W) *118 (H) * 440 (D) |