

Impulse Withstand Voltage Tester WVT 255 Datasheet

Overview

Impulse withstand voltage testers are mainly for electronics, electrical products and equipment to do pulse withstand voltage test. And the performance is in line with standard IEC 60255-5/ IEC 60255-27. Our impulse voltage test systems can be used to generate impulse voltages simulating lightning and switching surges per IEC, ANSI, IEEE, as well as other international standards.

The products are widely used in various types of insulation performance testing. IEC 60255 gives general requirements for the insulation coordination of measuring relays and protection equipment.

Power supply

- Input voltage: AC220V ($\geq 150W$)
- Frequency: 50/60Hz
- Voltage harmonic distortion $\leq 5\%$

Environment

- Indoor use
- Altitude not exceeding 1000metres
- Ambient temperature $15^{\circ}C \sim 35^{\circ}C$
- Relative humidity no more than 85%
- No conductive dust, no fire or explosion hazard, no corroding metal or insulating gas, sine wave voltage waveform, waveform distortion rate $\leq 5\%$
- Earthing resistance not more than 0.5Ω

Features

- Fully Compliant with latest Standards IEC/ EN 60255-5, IEC/ EN 60255-27
- User friendly 7" Touch Panel Display
- Support multi-language & facilitate users
- Built-in environment self-test program
- Programmable operation
- Sound & alarm function, automatically determine test results
- RS232/ USB interface, PC control operation & printable test report
- Comfortable use and convenient operation

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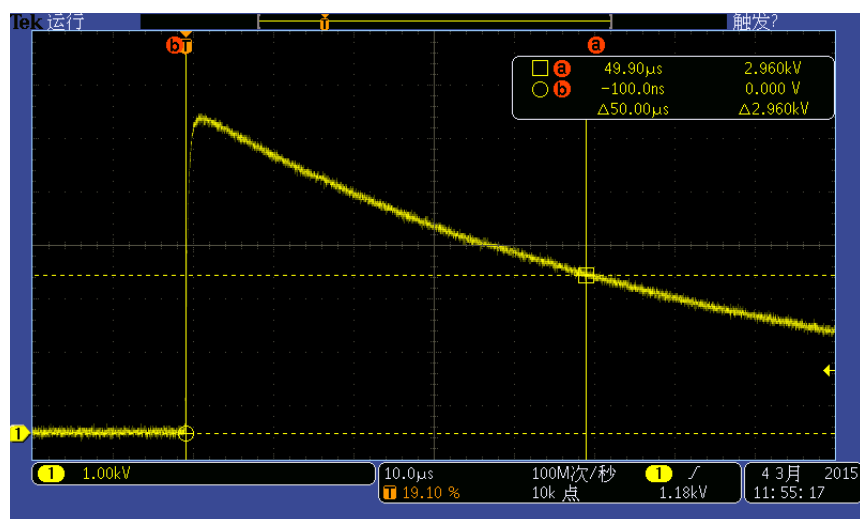
Picture



Technical data

Model	WVT 255
Output waveform	1.2/50 μ s
Output voltage	0.5~ 10kV
Polarity	Positive/ negative/ alternating
Output impedance	500 Ω
Count	1~ 9999
Interval	3~ 9999s
Power supply	AC220V, 50/ 60Hz

Measured waveform




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