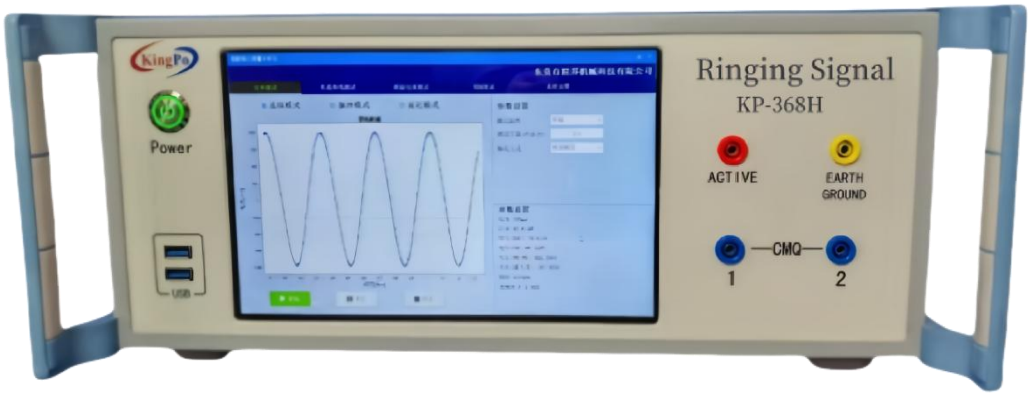
KP368H Telephone Ringing Signal Tester

Technical Specifications



Product Overview

The KP-368H telephone ringing signal tester, designed specifically for electrical safety testing, simulates a telephone network environment to test telephone ringing signals. It includes two built-in test methods (Method A and Method B). It strictly adheres to GB4943.1-2022 and IEC62368-1:2018 international standards. Designed to simulate telephone communication equipment under different operating conditions, it measures whether the measured current or voltage values meet standard requirements, making it an indispensable piece of equipment for electrical safety testing.

This model of telephone ringing signal tester uses an integrated industrial control host as its core, equipped with a built-in oscilloscope measurement module and a real-time waveform display interface. This allows for intuitive display and setting of all operating parameters and instrument status. Its user-friendly design makes the operating interface simple and clear. Furthermore, it features ease of operation, excellent performance, high reliability, and excellent cost-effectiveness, making it highly favored by electrical safety testing laboratories and electronics and electrical appliance manufacturing enterprises, becoming their preferred tool for electrical safety testing.

Technical indicators

Technology Projects	parameter
Meets standards	GB4943.1-2022 Appendix H, IEC62368-1:2018
Sampling module bandwidth	200MHz
Sampling rate	1Gsa/s
Sampling accuracy	±2% of the reading
range	250V (RMS)
Method A: Measurement Parameters	Fixed resistance: 5000Ω, 100W, 1% accuracy
	Average current ITS1 measurement per single ringing cycle
	Average current ITS2 measurement over one ringing rhythm cycle
	Measurement of average currents ITS1 and ITS2 of continuous ringing signals under single fault conditions
Method B measures parameters	Fixed resistance: 1MΩ, 100W, 1% accuracy Fixed resistance: 5000Ω, 100W, 1% accuracy
	Ringing signal peak-to-peak voltage measurement
	Peak voltage measurement to ground
	DC voltage measurement to ground
	Measurement of peak-to-peak current of continuous ringing

	signal under single fault conditions
Disengagement device	Variable resistor: 500-2000Ω, in 100Ω increments
	Current peak-to-peak measurement
Monitoring voltage	Peak voltage and DC voltage measurements to ground
Input power	AC 220V±10%, 50Hz/60Hz
External dimensions	600*500*280mm
weight	Approximately 15 kg