



Quality is the lifeblood of industrial products; every screw is the object we concerned.

● TE-BXZ Series AC Resonance Device

● Brief Introduction:

It is applicable to High voltage cable, GIS and other large-capacity, high voltage Capacitive test products' AC hipot test . Adopting the principle of series resonance, by the way of adjusting frequency to finish the resonant, which can easily and accurately find the resonant point, the system of quality factor up to 80, light easily and can be any combination, and uses multiple protection devices, to make testing more convenient , safe reliable.

● Appearance and configuration:



● Main features:

- ◆ Power devices with drive, protection and power transformation as one of the intelligent power module (IPM), greatly improves the machine's reliability, reduced size and weight.
- ◆ Over-voltage protection: protection value can be set, action time is less than 1 ms; double over current & over thermal protection: The combination of protection of high-power devices' self-protection and software protection, action time is less than 10 microseconds; flashover protection: action time is less than 1 ms, and can record the flashover voltage; zero protection: zero-voltage startup.
- ◆ Manual test: manually search for the resonance point and manually boost to the desired voltage, automatic timing after press the button.
- ◆ Automatic Test: According to the set automatic search for resonant point and then automatic boost to the desired voltage, automatic timing.
- ◆ Automatic tuning manual boost: According to the set automatic search for resonant point and then manually boost to the desired voltage, automatic timing after press the automatic timing button.
- ◆ Manual tuning automatic boost: manually search for the resonance point, According to the set Automatic boost and then Automatic timing.

● **Technical Parameters:**

- ◆ Power supply: 220/380V, 50Hz
- ◆ Test product Resonant voltage: 0KV to 300KV
- ◆ Frequency modulation range:30Hz to 300Hz
- ◆ Frequency modulation Sensitivity: 0.1Hz
- ◆ Frequency instability: $\leq 0.5\%$
- ◆ Output waveform: Sine wave
- ◆ Waveform distortion: $\leq 1\%$
- ◆ Reactor-Q value: 30~90

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