

- Frequency and impedance dual displays
- Five constant current measurement ranges
- Built-in voltage controlled oscillator, free frequency setup
- 400 Hz/1 kHz, manual frequency and sweep frequency measurement mode
- Built-in comparator with limit setup and result indication
- Short correction to eliminate lead impedance error
- Suitable for impedance test and frequency characteristic analysis of speakers and magnetic head



Brief Introduce:

CT5-TH2893 is an impedance meter specially designed for speakers and magnetic heads of impedance measurement. CT5-TH2893 adopts the constant current measurement method under the specified current and frequency which are described in the speaker and magnetic head impedance measurement standard printed by the Industry Ministry. With the use of digital technology, measurement accuracy and performance have been greatly improved and operation is more convenient. CT5-TH2893 can be widely use for incoming inspection, product line quality control and experiment and study use. Sometimes it can also be used for general L/C/R impedance measurement.

Specifications:

Test Parameter	Impedance Z
Test Frequency	Fixed Frequency: 400 Hz and 1 kHz Manual Adjustment: 20 Hz to 4 kHz Sweep frequency range: 50 Hz to 3999 Hz
Frequency accuracy	±1 Hz
Test Current	AC 100 mA, 50 mA, 10 mA, 1 mA, 0.1 mA
AC Current accuracy	±5%
Impedance accuracy	±0.5% of reading ± 1 count
Display range	0.1 Ω — 20 kΩ
Ranging Mode	Auto and Manual
Correction Function	Short zeroing
Correction Function	2 Terminals
Display Mode	Frequency/ Impedance: 4 digit LED display
Comparator	PASS, FAIL, PASS with sound alarm

General Specifications:

Operation Temperature And Humidity	0°C to 40°C, less than 90% RH
Power Requirements	198 V to 242 V AC, 47.5 Hz to 52.5 Hz
Power Consumption	less than 20 VA
Dimensions (W×H×D)	275 mm×110 mm×330 mm
Weight	2.7 kg Approx