

TH5990 Speaker F0 High-speed Tester

Features

- Accurate and reliable test based on the frequency phase-shift characteristic
- High speed measurement with preset F0 range
- Auto reverse sweep function
- Low/Pass/High comparison and indication



TH5990

Brief Introduction

- TH5990 is a high speed speaker F0 tester based on the frequency phase-shift characteristic. TH5990 can search and lock the F0 quickly. Easy operation and comparator function make it ideal for product line inspection, measurement and sort.

General Specifications

| | | |
|----------------------------------|-----------|--------------------|
| Operating temperature & humidity | | 0°C – 40°C, ≤90%RH |
| Power supply | Voltage | 198V – 242V |
| | Frequency | 47.5Hz – 63Hz |
| Power consumption | | ≤ 30VA |
| Dimensions (W×H×D) | | 275mm×110mm×330mm |
| Weight | | Approx. 3.1kg |

Specifications

| Measurement function | |
|--|---|
| Resonance frequency range | Range 1: 20Hz – 120Hz Range 2: 80Hz – 550Hz Range 1: 500Hz – 1.2kHz Range 1: 800kHz – 5.5kHz |
| Speaker impedance range | 2Ω--200Ω Low-impedance conversion: 2--18Ω High-impedance conversion: 19--200Ω |
| Measurement terminal | 2-terminal |
| Display | 4-digit LED display |
| Output signal | |
| Resonance frequency range | 20Hz – 5 kHz |
| Frequency accuracy | ±1% of reading±1Hz |
| Measurement voltage range | 0 - 5Vrms, continuously adjustable |
| Voltage error | ±5% |
| Distortion factor of sine wave | ≤ 0.8% |
| Comparator | |
| Comparison high and low limits separately set, display LOW/PASS/HIGH, with beeper alarm at PASS (ON/OFF) | |

Ordering Information

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Instrument Accessories

TH26004C 2-terminal test cable