



SINOCERA



Global Sensor  
Technology

## Speaker F0 Test Instrument

Model: YE5990

### FEATURES

The instrument is suitable for automatic testing F0 of wide impedance speaker.



<b>Product Specifications</b>	
Measuring range	10Hz~6KHz
Accuracy	$\leq 0.1\% \pm 1\text{Hz}$
Speaker impedance	$2\Omega \sim 200\Omega$
<b>F0 value determination</b>	
<i>Precision of definition</i>	$\leq 1\% \pm 1\text{Hz}$
<i>Establishment scope</i>	$\pm 1\text{ Hz (sine wave)}$
<i>Establishment scope</i>	$\pm 1\text{ Hz (sine wave)}$
<i>Bound establishment precision</i>	10Hz~6KHz classifying continuously adjustable
<i>The determination instructed:</i>	F0 is bigger than the upper limit: Red light emitter diode + prompt sound F0 in establishes in the scope: Green light emitter diode electric quantity F0 is smaller than the lower limit: Yellow light emitter diode + prompt sound
Testing voltage	
Sine wave output amplitude	0~5Vrms
Amplitude error	$\leq \pm 3\%$
Sine wave degree of distortion	$\leq 0.5\%$
Sine wave amplitude-frequency characteristic	$\leq \pm 0.5\text{dB}$
<b>environmental conditions</b>	
temperature	Operating temperature: 00C-400C; Memory temperature: - 550C-850C
humidity	90%R.H.
<b>power supply</b>	
Electric power supply	AC220V10%50Hz 1A
<b>external characteristic</b>	
External dimensions	360mm (W) ×207mm (H) ×120mm(D)
Weight	Approximately 3.5KG
Output mode Power:	JS3-2 wiring column
<b>Appendix:</b>	
Power line: AC power line	1
Testing cable line	1

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