

Speaker Measurement Interface **TENMA™**



Description:

The Tenma SMI is essential for design, refurbishing or DIY speaker building. This compact interface is powered directly from the USB port of most PC's, including laptops, and provide full T/S parameters of the connected speaker. Simply connect to an un-mounted driver, and in a few minutes, this device will provide Fs, Cms, Qts, Vas, BL, Re, Le, Mms and CMS measurements, as well as an impedance curve and more. Measurements can be performed in most any shop or home, no special microphones or testing area is required.

Features:

- Self powers from any USB port, including laptops
- Single button Q and Fs testing
- Single button Vas testing for Delta Mass, Delta Compliance and Sensitivity methods
- Single button Vented Box analysis finds effective box size and tuning
- T/S Parameters for mid ranges and tweeters
- Measures Cms-vs-drive suspension non-linearity
- Closed, Vented and Infinite Baffle box simulation
- Measures and Simulates Rem/Xem non linear inductance, Qport, Qbox, Qleak and room boost effects
- Adjustments for setting atmospheric conditions
- Air wound inductor and Ellipse calculators
- A real time continuous phase and impedance meter
- True current source drive (not an approximation)
- Continuously adjustable 1Hz to 20KHz line output
- Measure resistors, inductors, capacitors, test leads, cables and more
- Measures 1Hz to 20kHz with 0.01Ω and 0.1° phase accuracy
- Interface dimensions: 2 1/2" (H) × 2 1/2" (W) × 1" (D)

Kit Includes

- 72" USB cable
- 30" test leads
- Ver 2.01 software on CD
- Detailed instructions on CD
- Calibration resistor
- Requires Win98se, WinMe, Win2K or WinXP and available USB port

Part Number Table

| Description | Part Number |
|---------------------|-------------|
| Tester, Loudspeaker | 72-850 |

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