



Product Data

- Measures wattage requirement of a 25 or 70.7 volt speaker line
- Measures impedance of an unknown speaker voice coil
- Internal 100 Hz and 400 Hz Wien bridge audio oscillator
- Battery operated (battery included)
- Compact, rugged plastic case

Specifications:

- Controls:** Power on/off
Test Frequency Select (100/400 Hz)
Scale Select (25/70.7 volt)
Dial Scale
- Inputs:** Speaker line (alligator clips)
External oscillator
+9 VDC external power
- Range:** 0.5 to 200 Watts
1 Ω to 10 k Ω
- Indicator:** Center null meter
- Power Requirement:** Internal 9 VDC battery
External 9 VDC
- Dimensions:**
Height: 5.375" (13.7 cm)
Width: 6.875" (17.5 cm)
Depth: 2.375" (6.0 cm)
- Shipping Weight:** 3 lbs. (1.35 kg)

Description

The University Sound LWT is a self contained portable test instrument for instant determination of the wattage requirement and/or impedance of a 25 or 70.7 volt speaker line, the wattage requirement and/or impedance of a speaker with a 25 or 70.7 volt transformer, or the impedance of a speaker voice coil. The wattage scale allows measurements from 0.5 to 200 watts, and the impedance scale ranges from 1 Ω to 10 k Ω .

An internal Wien bridge oscillator provides an output test frequency of 100 Hz or 400 Hz. An external oscillator jack permits connection to an external audio oscillator for tests at any audio frequency. The LWT uses an internal 9 VDC battery, or an external 9 VDC power source. The wattage or impedance is read on a zero center null indicator. The entire unit is housed in a rugged plastic case with carrying handle.

Architect's, Engineer's and Consultant's Specifications

The unit shall be a self contained, portable speaker/line tester. It shall be able to provide instant determination of the wattage requirement and/or impedance of a 25 or 70.7 volt speaker line, the wattage requirement and/or impedance of a speaker with a 25 or 70.7 volt transformer, or the impedance of a speaker voice coil. The wattage scale shall allow measurements from 0.5 to 200 watts, while the impedance scale shall range from 1 Ω to 10 k Ω . An internal Wien bridge oscillator shall provide an output test frequency of 100 Hz or 400 Hz.

An external oscillator jack shall permit connection to an external audio oscillator for tests at any audio frequency. The unit shall be powered from an internal 9 VDC battery, or an external 9 VDC power source. The wattage or impedance shall be read on a zero center null indicator. The entire unit shall be housed in a rugged plastic case measuring 5.375" x 6.875" x 2.375" (13.7 cm x 17.5 cm x 6.0 cm) and have a carrying handle. The University Sound model LWT has been specified.



**University
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company

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