1. Power Switch
2. Display indicates Frequency or Decibels.
3. LED will indicate whether display is reading dB, kHz or Hz.
4. Switch places the Meter in either the Frequency Counter or dB mode.
5. Meter Input jack - insert signal to be measured here.
6. Frequency control, varies frequency of the Sine Wave Generator over a 10Hz to 30kHz range.
7. Level control, sets output level of the Sine Wave Generator.
8. Output jack, connect this to the device you want to test.

NOTE: Meter Input is connected to the output of the Sine Wave Generator, inserting a plug into the Input jack breaks this connection.
SPECIFICATIONS

**LofTech TS-1** Audio Test Set

**Front panel displays and controls**
- **Power switch**: To switch on the AC
- **Meter**: 4 LED display to indicate: Frequency in Hz for oscillator output and frequency counter input. Decibels in + or - dB for the dB meter.
- **dB/Hz switch**: To select either decibel meter or frequency meter mode.
- **Meter input jack**: To meter input
- **Oscillator frequency control**: To select oscillator frequency in one sweep from 10Hz to 30kHz.
- **Oscillator output level control**: To adjust oscillator output level
- **Oscillator output jack**: Signal from oscillator output

**Audio Oscillator**
- **Frequency display**: 4 LED readout of the frequency counter
- **Frequency range**: 10Hz to 30kHz
- **Accuracy**: ± 0.5dB 20Hz to 20kHz
- **Distortion**: 0.5% THD
- **Adjustable output level**: -70 to +18dBv ref: 0.775v
- **Maximum output level**: +18dBv 2k ohm or greater +10dBm 600 ohms
- **Output impedance**: 50 ohms (un-balanced)

**Decibel (dB) meter**
- **Indicates the following in one range**
  - **Meter display**: LED readout; Reads in whole decibels; Automatically indicates (-)dB
  - **Meter range**: -50 to +24dB (ref: 0.775v)
  - **Accuracy**: ± 1dB 20Hz to 20kHz
  - **Adjustable “0” reference**: -10 to +8dBv (rear panel adjustment)
  - **Input impedance**: greater than 100k ohms (un-balanced)

**Frequency Counter**
- **Reads output of oscillator or meter input**
  - **Frequency response**: 1Hz to 99.99kHz
  - **Frequency display**: 4 LED readout; (1Hz to 9999Hz) 1Hz resolution; (10kHz to 99.99kHz) 10 Hz resolution
  - **Accuracy**: Within 1 count
  - **Input level**: -50 to +24dB ref: 0.775v
  - **Input impedance**: greater than 100k ohms un-balanced

**Connectors**
- **Oscillator output**: 1/4” phone jack (trs)
- **Meter input**: 1/4” phone jack (trs)

**Power requirements**
- 115 - 120VAC 60 Hz (50Hz internally strappable)
- 220-240VAC (available on request)

**Size**
- 8” wide x 2½” high x 6½” depth

**Weight**
- 2 lbs; 4.4 kgm

**Limited Warranty**
- 2 years (parts and labor)

**LofTech**
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