

## Model AWA6161 (IEC126) Ear Simulator

### Description

AWA6161 type simulation ear is a kind of acoustic coupler which simulate the acoustic characteristics of human. 1" Microphone Model AWA 14412 and Preamplifier Model AWA 14601 is supplied with the set. It is designed to fulfill the requirements of IEC60318-5 and SJ/Z9144-1987 standards for an ear simulator for measurements using inner earphones.



Fig 1. Picture of ear simulator

### How to use ear simulator

- 1) Insert the earplug headphones into the AWA6161 ear simulator without any sound leakage.
- 2) Make sure all threads connected closely and no any sound leakage.

**Note: The microphone in the ear simulator are precision device, please handle with care, don't screw the microphone's cap off or touch the membrane so as to avoid damage.**

### Specifications

**STANDARDS:** Acoustic performance according to IEC60318-5(IEC60126)  
ITU-T P.57 Rec. measurement, SJ/Z9144-1987

**FREQUENCY RANGE:** 125 Hz to 8000 Hz

**FREQUENCY RESPONSE:**  $\leq \pm 0.5$  dB(200 Hz~5000 Hz),  $\leq \pm 1$  dB(<125 Hz~8000 Hz)