

Model AWA 6162 Ear Simulator (IEC 60711)

Description

AWA6162 (IEC60711) type simulation ear is a kind of acoustic coupler which simulate the acoustic characteristics of human. The main ear canal volume is of a similar shape and volume to that of the actual human ear and provides a similar acoustic impedance to the insert earphone being tested. A 1/2" Microphone Model AWA14424 is mounted in the housing of the Ear Simulator, terminating the main ear canal volume. Preamplifier Model AWA 14604 is supplied with the set. It is designed to fulfill the requirements of IEC60318-4 《Electro acoustics -- Simulators of human head and ear -- Part 4: Occluded-ear simulator for the measurement of earphones coupled to the ear by means of ear inserts》 and SJ/Z9150-1987 standards for an ear simulator for measurements using insert earphones.

Specifications

STANDARDS: Acoustic performance according to IEC60318-4,
ITU-T P.57 Rec. measurement, SJ/Z9150-1987

FREQUENCY RANGE: 20 Hz to 20000 Hz

FREQUENCY RESPONSE: $\leq \pm 0.5$ dB(200 Hz~5000 Hz), $\leq \pm 1$ dB(<100 Hz~20000 Hz)



Impedance curve:

AWA6162 (including Mic & preamplifier)

