

# Type 721A

## IEC60711 artificial ear

### Introduction

The IEC 60711 Ear Simulator Type 721A is used for measurements on supra-aural and supra-concha earphones, both sealed and unsealed, intended for wideband telephony application (100Hz to 8kHz).

A complete test jig for acoustical measurements on earphones coupled to the ear by inserts such as tubes and ear moulds.

This design complies with the following IEC 60711Ed.1.OB Occluded-ear simulator for the measurement of earphones coupled to the ear by ear inserts.

Artificial Ears Type 721A consist of an acoustic coupler, acoustic condenser microphone and a base plate, which all parts are made of stainless steel and no any magnetic material.



Fig. 721A

### Features

- Conformed to IEC and ANSI standards
- Complete reproducibility and steadily of results
- Well-defined measuring conditions

## Specifications

Standards	1)IEC 60711 Ed. 1.OB Occluded-ear simulator for the measurement of earphones coupled to the ear by ear inserts. 2)ITU-T Recommendation P.57 (08/96) “Series P: Telephone transmission quality, Objective measuring apparatus : Artificial ears
Accessories include	IEC60711 ear coupler
Accessories additional	ICP pressure microphone power supply PS200
Polarization voltage	0 V
Power supply	2-20mA
Max output voltage	4.7Vrms
Operating Temperature	-20-80°C
Humidity	0-98% RH
Barometric pressure	101.3 ± 3 kPa
Dimensions	77x60mm
Weight	1kg