GRAS RA0056

Low-leak Pinna Simulator according to ITU-T Rec. P57 Type 3.2

Volume: Complex

The GRAS RA0056 Low-leak Pinna Simulator is an outer ear simulator intended to be used with the Ear Simulator RA0045 to simulate a complete ear for testing telephones and loudspeakers

GRAS Sound & vibration

Introduction

The RA0056 Low-leak pinna simulator is used for tests which simulate a telephone or handset held comfortably against the listeners ear.

The RA0056 meets the specifications in the ITU-T Recommendation P.57 (08/96) "Series P: Telephone transmission quality, Objective measuring apparatus: Artificial ears".

Alternatives

To simulate a telephone or handset held slightly away from the listeners ear use the RA0057 High-leak pinna simulator.
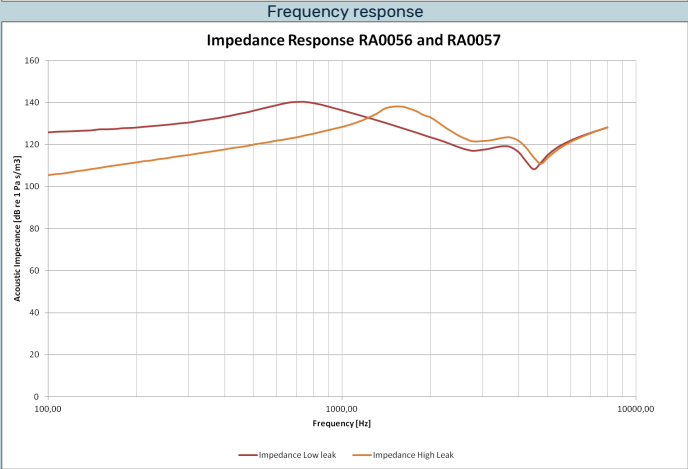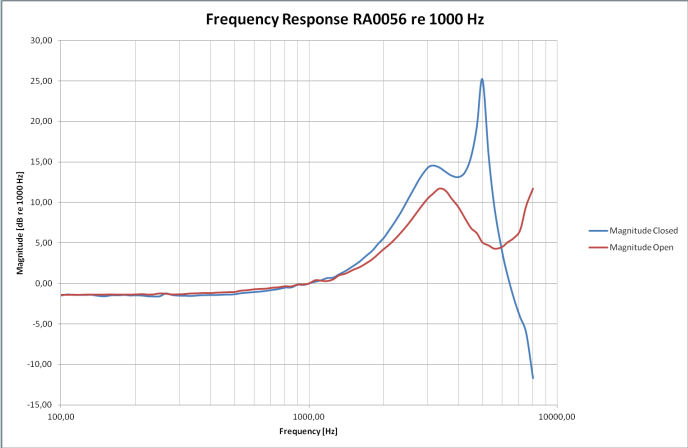
Quality & Warranty

GRAS accessories are made of stainless steel, alloys and high-quality composites. These items are covered by a 2 year warranty respecting their intended use.
On consumables like batteries, cables and windscreens we offer a 6 month warranty.

Connector type		3 m 7-pin LEMO
Resonance frequency	kHz	713.8
Coupler volume	mm³	0.4 ccm
Humidity range non condensing	% RH	0 to 95
ITU-T recommondations		P.57
CE/RoHS compliant/WEEE registered		Yes/Yes, Yes
Weight	g / oz	135 / 4.76

Specification Conditions

Frequency Response RA0056 re 1000 Hz

— Magnitude Closed
— Magnitude Open

Frequency response

Impedance Response RA0056 and RA0057

— Impedance Low leak   — Impedance High Leak

Impedance response

GRAS Sound & Vibration reserves the right to change specifications and accessories without notice.

GRAS Sound & vibration

We Make Microphones

Tradition

Since the establishment in 1994, GRAS has been 100% dedicated to developing and manufacturing high-quality measurement microphones and related acoustic equipment.

Innovation

We work with everybody with an interest in sound or noise within the fields of aerospace, automotive, audiology, consumer electronics, noise monitoring, building acoustics and telecommunications.

Quality

At GRAS we know that in order for you to trust your measurement results; signal quality, stability and robustness are essentials. We design and build them to perform under real life conditions – and beyond.

G.R.A.S Sound & vibration