

GRAS RA0039

Ear Simulator according to IEC 60318-1



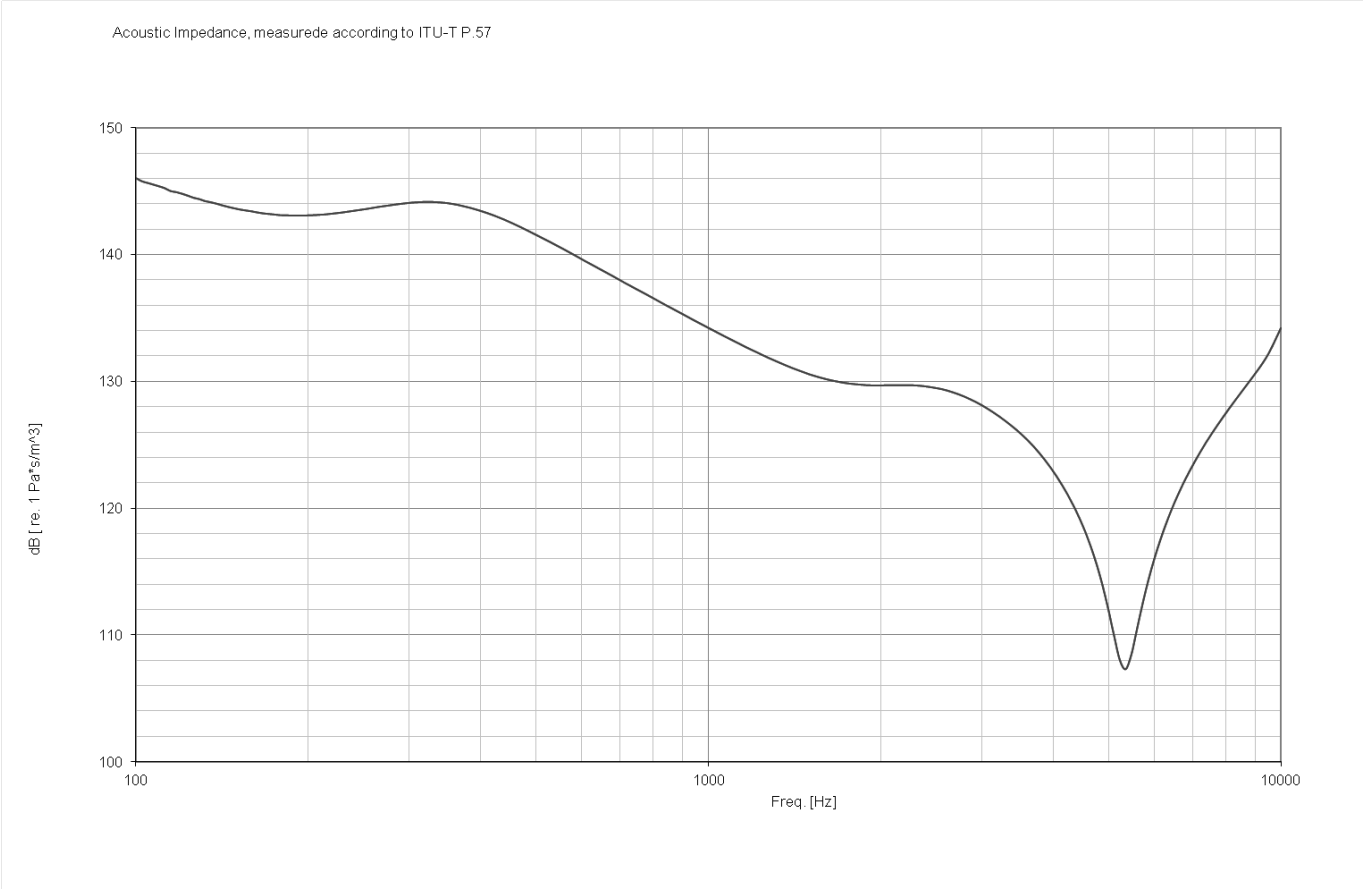
Volume: Complex
ANSI: S3.7
IEC: 60318-1

The GRAS IEC 318 RA0039 Ear Simulator is an ear simulator with an input impedance closely resembling that of an average human ear. When the RA0039 is coupled to a sound source, the impedance will load the sound source similar to the loading caused by the human ear. The RA0039 meets the requirements of IEC 60318-1:1998 Electroacoustics - "Simulators of human head and ear - Part 1: Ear simulator for the calibration of supra-aural earphones".

The RA0039 is measured and calibrated according to the ITU-T Recommendation P.57 (08/96) "Series P: Telephone transmission quality, Objective measuring apparatus: Artificial ears".

The RA0039 is also part of the [GRAS 43AA Artificial Ear](#) and [GRAS 43AD Artificial Ear](#).

Polarization/Connection		0 V / CCP
Humidity range non condensing	% RH	0 to 95
ANSI standard		S3.7
IEC standard		60318-1 (former 60318)
ITU-T recommendations		P.57
CE/RoHS compliant/WEEE registered		Yes/Yes, Yes
Weight	g / oz	155 / 5.47



Acoustic input impedance of the RA0039

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

GRAS Worldwide

Subsidiaries and distributors in more
than 40 countries

HEAD OFFICE, DENMARK
GRAS SOUND & VIBRATION
Skovlytoften 33
2840 Holte
Denmark
Tel: +45 4566 4046
www.GRASacoustics.com
gras@grasacoustics.com

USA
GRAS SOUND & VIBRATION
9290 SW Nimbus Avenue
Beaverton, OR 97008
Tel: 503-627-0832
Toll Free: 800-231-7350
www.GRASacoustics.com
sales-usa@grasacoustics.com

UK
GRAS SOUND & VIBRATION
Unit 115, Gibson House,
Ermine Business Park, Huntingdon,
Cambridgeshire, PE29 6XU
Tel: +44 (0) 7762 584 202
www.GRASacoustics.com
sales-uk@grasacoustics.com

CHINA
GRAS SOUND & VIBRATION
Room 315, RuiBo Center(T1)
Lane683, Shenhong Rd,
Minhang District,
Shanghai, China, 201107
Tel: +86 21 64203370
www.GRASacoustics.cn
cnsales@grasacoustics.com



About GRAS Sound & Vibration

GRAS is a worldwide leader in the sound and vibration industry. We develop and manufacture state-of-the-art measurement microphones and related equipment for industries where acoustic measuring accuracy and repeatability are of the utmost importance. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, consumer electronics and other highly demanding industries. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect, trust and require.

GRAS Sound & Vibration is represented through subsidiaries and distributors in more than 40 countries and is part of Axiometrix Solutions, a leading test solutions provider comprised of globally recognized measurement brands. Read more at www.grasacoustics.com

grasacoustics.com

GRAS
An Axiometrix Solutions Brand