

GRAS 43AE

耳模拟器套件符合 ITU-T Rec. P57 类型 3.2



连接方式 200 V/LEMO

容积：复合腔体

动态范围 26 dB(A) - 164 dB

ANSI 标准 S3.7

GRAS 43AE 耳模拟器套件符合 ITU-T Rec. P57 类型 3.2 是用于测试超耳机、电话听筒和扬声器的声学设备，符合国际要求 ITU-T 建议 P.57 (08/96) “P 系列：电话传输质量”。客观测量仪器：人工耳”。

43AE 是一款符合 IEC 60318-4 (60711) 标准的仿真耳，用于根据以下标准对耳罩式耳机、电话手持机和扬声器进行声学测试：

- IEC 60318-4 用于测量通过耳塞与人耳耦合的耳机的堵耳式仿真耳
- ITU-T P.57 (08/96) 建议书 P 系列：电话传输质量，客观测量设备：人工耳

43AE 包含：

- IEC 60318-4 [GRAS RA0045 仿真耳](#)
- [GRAS 26AC-1 ¼ 前置放大器](#)
- [GRAS GR0010 ¼ - ½ 适配器](#)
- [GRAS RA0056 低泄漏耳廓模拟器](#)
- [GRAS RA0057 高泄漏耳廓模拟器](#)

Theoretical dynamic range lower limit with GRAS preamplifier	dB(A)	25
Theoretical dynamic range upper limit with GRAS preamplifier @ +28 V / ±14 V power supply	dB	153
Theoretical dynamic range upper limit with GRAS preamplifier @ +120 V / ±60 V power supply	dB	164
Set sensitivity @ 250 Hz (±2 dB)	mV/Pa	12
Set sensitivity @ 250 Hz (±2 dB)	dB re 1V/Pa	-38.5
Coupler volume	mm ³	1260 @ 500 Hz
Resonance frequency	kHz	Low 713.8, High 1570
Temperature range, operation	°C / °F	-30 to 60 / -22 to 140
Temperature coefficient @250 Hz	dB/°C / dB/°F	-0.01 / -0.006
Humidity range non condensing	% RH	0 to 75
ANSI standard		S3.7
ITU-T recommendations		P.57 Type 1
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes
Connector type		3 m 7-pin LEMO
Weight	g / oz	1.05 / 37.038

GRAS Sound & Vibration 保留更改规格和配件的权利，恕不另行通知。

标配

GRAS RA0045	IEC 60711 耦合腔 (含传声器)
GRAS 26AC-1	¼ 前置放大器
GRAS GR0010	¼ - ½ 适配器
GRAS RA0056	低泄漏耳廓模拟器
GRAS RA0057	高泄漏耳廓模拟器

选配

GRAS 12AK	电源模块
GRAS 42AA	活塞发声器

其他

GRAS RA0119	活塞发声器适配器
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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 to industries where acoustic measuring accuracy and repeatability is of utmost importance in R&D, QA and production. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, and consumer electronics. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect and trust.

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

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