

# GRAS 43AC-S4

高频仿真耳治具 LEMO



频率范围 3.15 Hz - 20 kHz  
动态范围 25 dB(A) - 138 dB  
灵敏度 50 mV/Pa  
用途：适用于一般声学诊断

GRAS 43AC-S4 仿真耳治具是一个完整的测试夹具，用于对通过导管和耳模等插入物连接到耳朵上的耳机进行高达 20 kHz 的高频声学测量。

GRAS 43AC-S4 仿真耳套件是一款完整的测试治具，用于对通过耳塞（如导管和耳模）与人耳耦合的耳机进行声学测试，并符合以下国际要求：

- 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。

43AC-S4 使用 RA0401 高频仿真耳，可将有效频率范围扩展至 20 kHz 可在此处[阅读关于 RA0401 的更多信息](#)

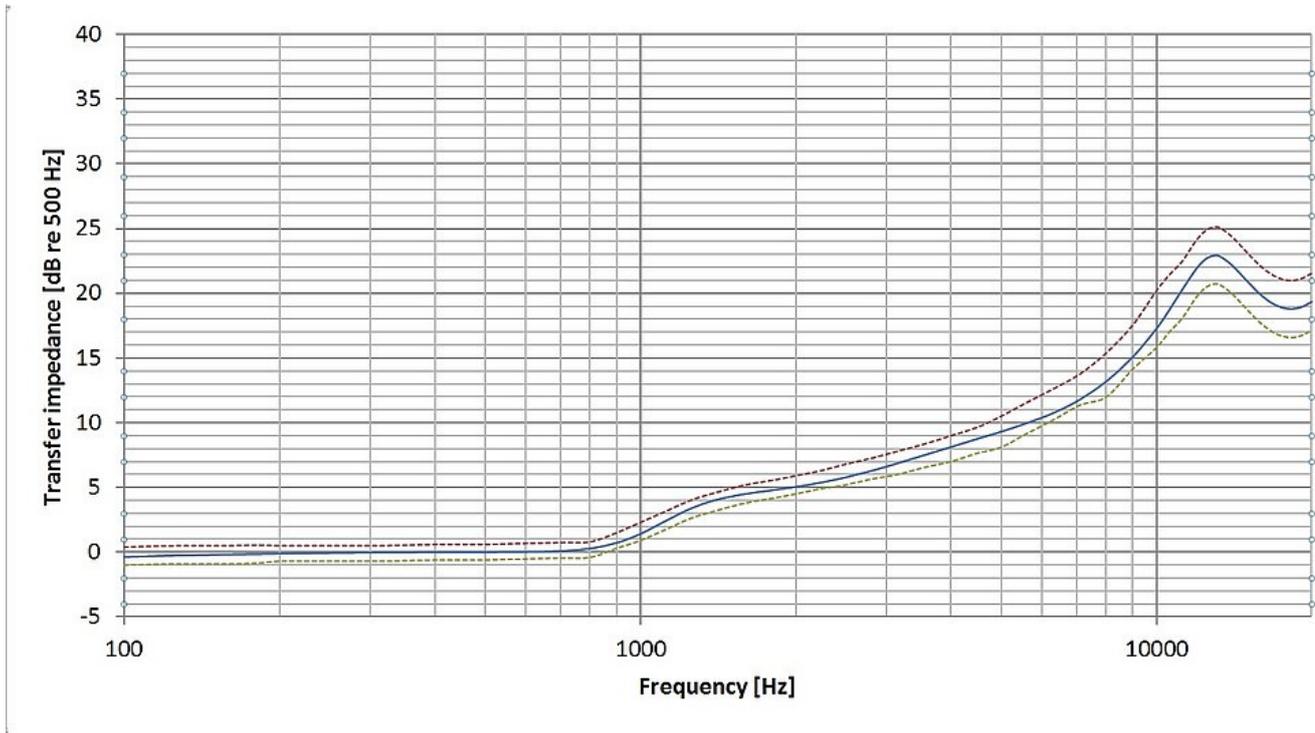
43AC 包含：

- [GRAS RA0401](#) 外极化高频仿真耳
- [GRAS 40AG 1/2](#) 压力场传声器 (包含在 RA0401 中)
- GRAS 26AC 1/4 前置放大器
- [GRAS RA0001](#) 直角适配器
- [GRAS RA0052](#) 测试治具

该测试治具配有一个可调节的弹簧加载臂，可对待测对象施加可变压力。

提供预极化版本：[GRAS 43AC-S5](#)

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 <sup>3</sup>	1260 @ 500 Hz
Resonance frequency	kHz	13.5
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
IEC standard		60318-4 (former 60711)
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes
Connector type		3 m 7-pin LEMO
Weight	g / oz	1550 / 54.675



RA0401 的典型频率响应

## 标配

GRAS RA0401	高频仿真耳, 含 40AG 传声器 (外极化)
GRAS 26AC	¼ 前置放大器
GRAS RA0001	直角适配器
<a href="#">GRAS RA0052</a>	测试治具
GRAS GR0435	入耳式适配器
GRAS GR0436	导管管嘴
GRAS GR0437	耳模模拟器
GRAS GR0438	锁紧螺母
GRAS GR0440	导管管嘴
GRAS GR0433	校准适配器
GRAS GR0434	限位垫圈
GRAS MI0070	0.2 m 连接线

## 选配

<a href="#">GRAS 12AK</a>	电源模块
<a href="#">GRAS 42AA</a>	活塞发声器

## 其他

<a href="#">GRAS RA0196</a>	高张力弹簧 (两件套)
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# GRAS Worldwide

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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](http://www.GRASacoustics.com)

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