

用于生产测试的 GRAS 43AI

CCP 耳模拟器，基于 ITU-T Rec. P57 3.2 型高泄漏



连接方式 0 V/CCP
容积：复合腔体
动态范围 25 dB(A) - 150 dB
ANSI 标准 S3.7

带 TEDS 的 GRAS 43AI 耳模拟器由 ITU-T Rec. P.57 2 类耳部模拟器和 3.2 类简化高泄漏耳廓模拟器，用于在生产线上对电话听筒、接收器和接收器/扬声器模块进行 ITU-T 标准化测试。

43AI 包含 ITU-T P.57 建议书 2 型仿真耳和 3.2 型简化高泄漏耳廓模拟器，用于测试耐泄漏型受话器。

除仿真耳和耳廓模拟器外 GRAS 43AI 还包括一个可拆卸的前面板，该面板可进行机械加工，以便对各种与受话器相关的项目进行明确定义的测试。套件中包含一个校准适配器，可与 [GRAS 42AA 活塞发声器](#) / [GRAS 42AP 活塞发声器](#) 配合使用。

TEDS 兼容性

43AI 符合 IEEE 1451.4 TEDS v. 1.0 标准。如果您的测量平台支持传感器电子数据表 (TEDS) 您将能够读取和写入诸如属性和校准数据等信息。

Theoretical dynamic range lower limit with GRAS preamplifier	dB(A)	25
Theoretical dynamic range upper limit with GRAS CCP preamplifier	dB	150
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	1.570
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 80
ANSI standard		S3.7
ITU-T recommendations		P.57
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes
Connector type		Microdot 10/32
Weight	g / oz	0.8 / 28.219

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-S1	符合 IEC 60318-4 (60711) 标准的预极化仿真耳
GRAS 26CB	¼ CCP 前置放大器
RS0010	通用适配器环
RA0119	活塞发声适配器

选配

GRAS AA0070	3 m Microdot - BNC 线材
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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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