

# GRAS 44AB

人工嘴，符合 ITU-T Rec.P51



ITU-T rec.: P.51  
IEEE 标准: 269, 661

GRAS 44AB 人工嘴是一种声源，能够模拟人类口腔周围的声场，符合 IEEE 269 661 标准以及 ITU-T Rec.P51  
GRAS 44AB 用于测试电话听筒以及通信网络中类似用途的其他传声器。

## GRAS 44AB 和 44AB-1

在嘴部参考点 MRP 处，该点距离可拆卸唇环 25 毫米（距离 44AB/AB-1 的嘴部 35 毫米），其在 1/3 倍频程带宽内可产生的最大连续信号为 100 dB 相对于 20  $\mu$ Pa 频率范围为 100 Hz 至 16 kHz 其扬声器可通过 BNC 输入直接接收外部信号。

校准夹具已包含在内，符合 CCITT P.51 和 IEEE 269 标准。这些夹具适用于 ¼ 英寸或 ½ 英寸的传声器。其中一个夹具将传声器固定在 0° 入射角（仅适用于 ¼ 英寸传声器）与声源之间，另一个夹具则固定在 90° 入射角（适用于 ¼ 英寸或 ½ 英寸传声器）。

44AB-1 是 44AB 的特殊版本，其 BNC 连接器位于另一侧，可正确安装在 GRAS 45CC 测试夹具上。

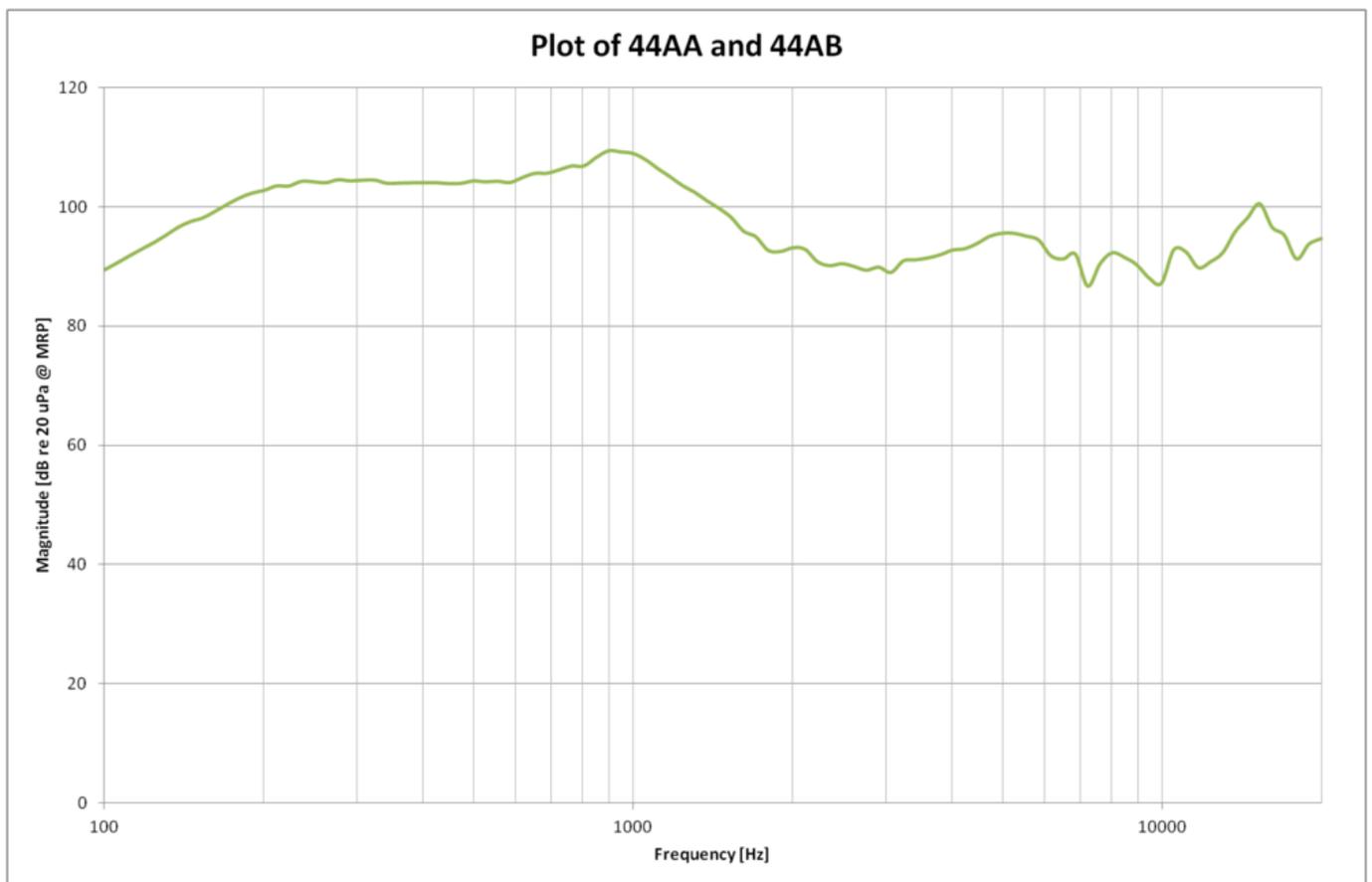
注意：这种人工嘴不能安装在 KEMAR 云台内。

ITU-T recommendations		P.51
Connector type		BNC
IEEE standard		269, 661
Maximum power, continuous	W	10
Maximum power, pulsed 2 sec.	W	50
Temperature range, operation	°C / °F	10 to 35 / 50 to 95
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes
Weight	g / oz	2050 / 72.31

Maximum continuous output level at MRP [200 Hz - 6 kHz] 110 dB re. 20 μPa

Maximum continuous output level at MRP [100 Hz - 16 kHz] 100 dB re. 20 μPa

Distortion 250 Hz - 8 kHz (Linear signal @ 94 dB at MRP) typically 1 %, max. 1.5 %



频率响应

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## 标配

GRAS RA0104	Jig (CCITT P51)
GRAS RA0105	Jig (IEEE 269)

## 选配

GRAS RA0110	Conical mouthpiece
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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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