

AM 581 人工嘴

产品规格书

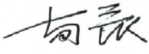
AM 581 Mouth Simulator

Product Specification

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产品简介



AM 581 人工嘴

AM 581 人工嘴用于精确模拟人嘴部附近声场的声源，适用于电话送话器和传声器（麦克风）的频响，失真等声学参数指标测试。

AM 581 拥有极高灵敏度及宽频带换能效率，即使在 10cm 的工作距离，也能保证 94dB 声压级下极低失真；典型 8cm MRP 距离，94dB 声压级的工作情况下，200Hz - 10kHz 的失真能小于 1%。

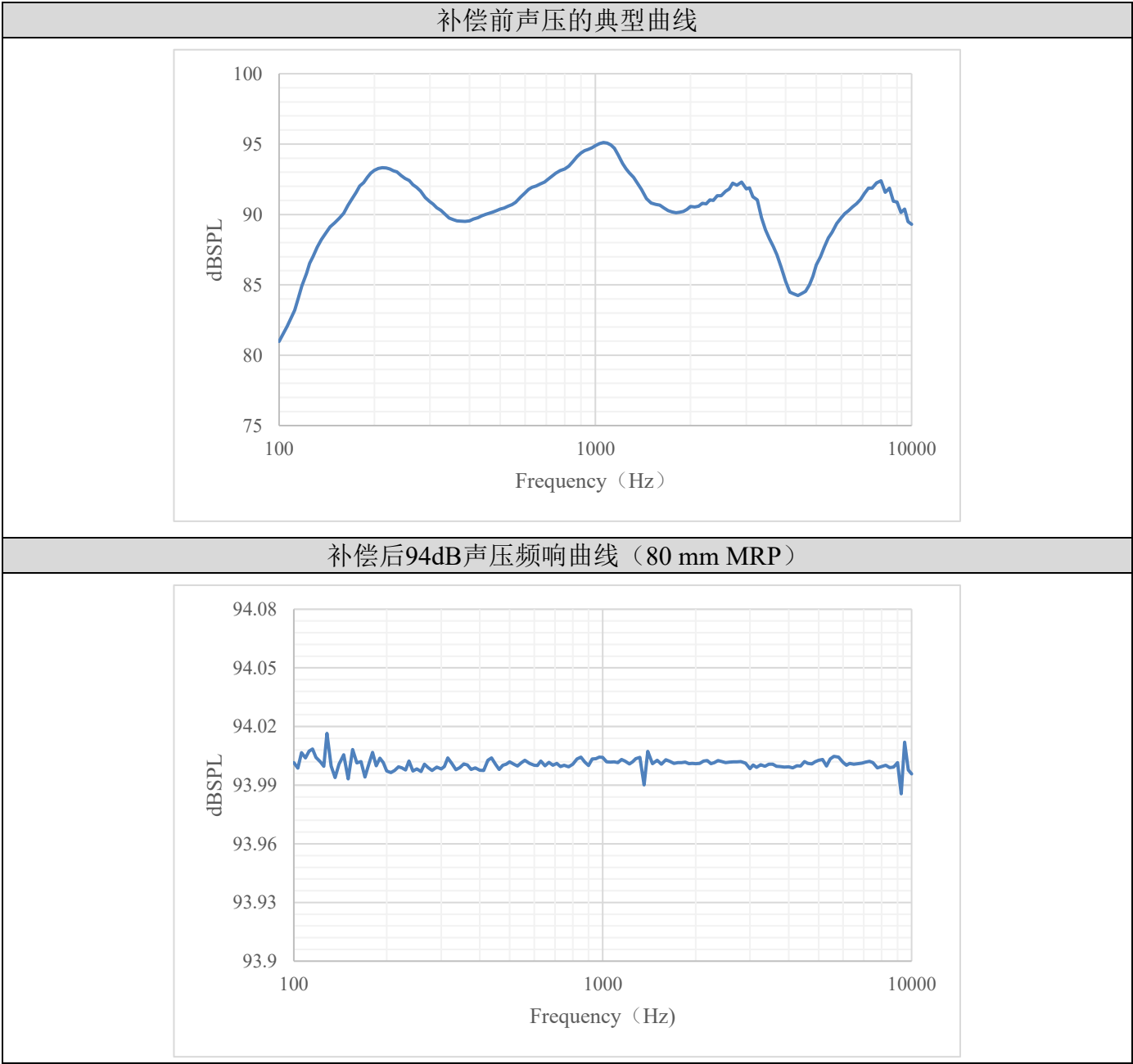
功能特点

- 符合 IEEE269,661 国际标准和 ITU-T P51 建议的“嘴基准点”发送声信号的要求
- 声学测量标准声源
- 低失真，高稳定性

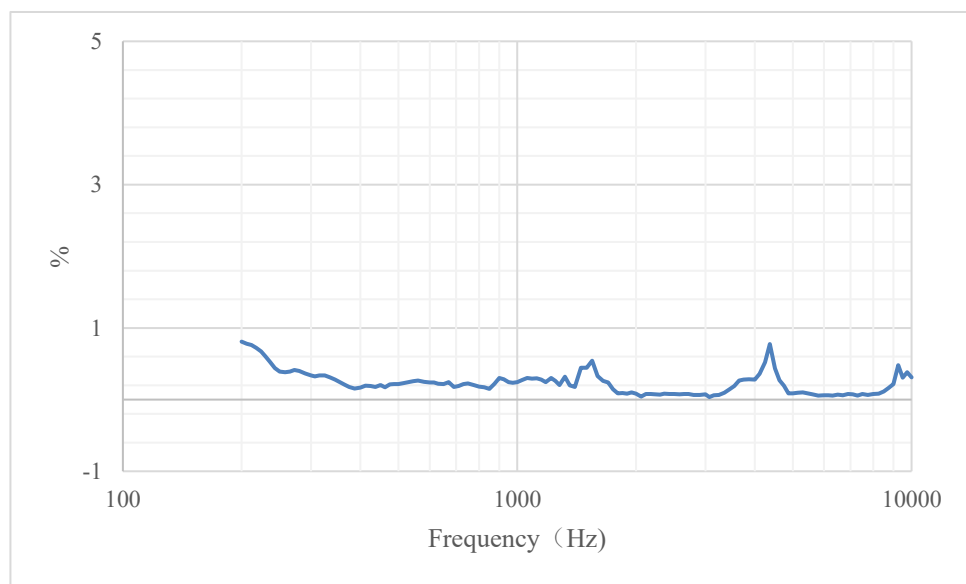
规格参数

整体参数	
失真	200Hz – 10kHz: 出厂标准小于 1% (94dB SPL, 80mm参考点处)
频响曲线	经补偿后，80mm 参考点距离下输出声压 94dB ± 0.1dB (100Hz - 10kHz)
阻抗	4 ohm
连续最大工作功率	10W (@1KHz, 8V输出)
出声孔径	Ø20mm
直径	Ø104mm
高度	100mm
净重	1276g
接口	BNC

频响曲线

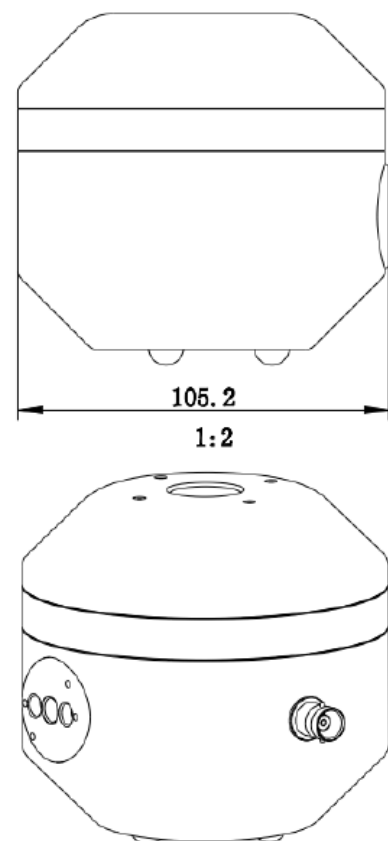
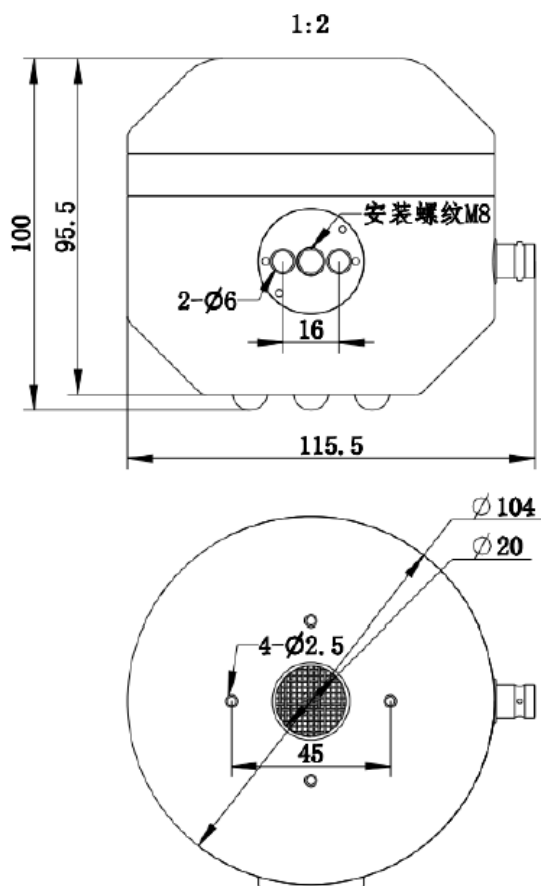


补偿后94dB典型失真曲线（80 mm MRP）



尺寸与结构

单位: mm



购买信息

PN号	型号	说明
920062-01	AM 581	高宽带人工嘴
910024-01	PM 0083	功率放大器
730002-000	102A	50欧BNC_BNC低噪声线缆，可定制长度
730002-030	102A030	50欧BNC_BNC低噪声线缆，长度3.0m
730002-060	102A060	50欧BNC_BNC低噪声线缆，长度6.0m
730002-090	102A090	50欧BNC_BNC低噪声线缆，长度9.0m

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Product introduction

AM 581 Mouth Simulator



AM 581 mouth simulator is used to accurately simulate the sound source of the sound field near the human mouth, and is suitable for the test of acoustic parameters such as frequency response and distortion of telephone transmitters and microphones.

The AM 581 has extremely high sensitivity and wide-band energy transfer efficiency, which ensures extremely low distortion at a sound pressure level of 94dB, even at a working distance of 10cm; At a typical 8cm MRP distance and 94dB sound pressure level, the distortion of 200Hz~10kHz can be less than 1%.

Features

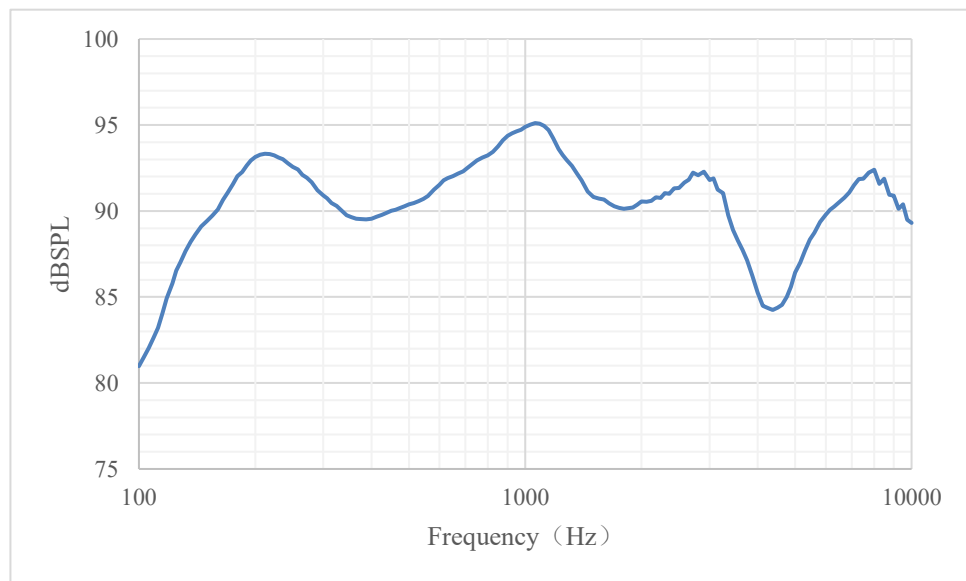
- It meets the requirements of IEEE269,661 international standards and ITU-T P51 recommended "mouth reference point" to transmit acoustic signals
- Standard sound source for acoustic measurement
- Low distortion, high stability

Specification parameters

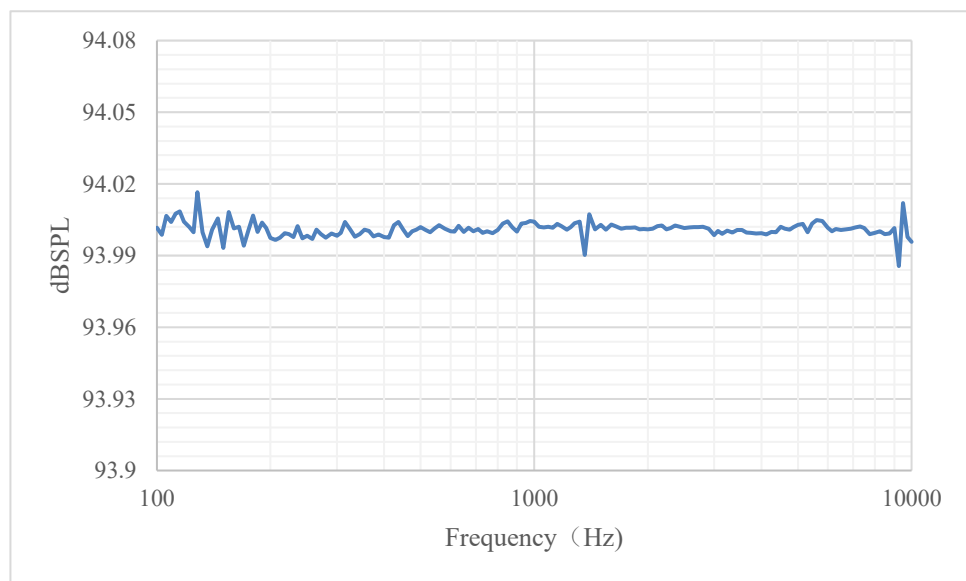
Parameters	
THD	200Hz – 10kHz: test standard is less than 1% (94dB SPL@80mm reference point)
Frequency Response	After compensation, output sound pressure is 94dB $\pm$ 0.1dB (100Hz - 10kHz) at 80 mm reference point distance
Impedance	4 ohm
Maximum continuous power	10W (@ 1kHz, 8V output)
Aperture of sound	Ø20mm
Diameter	Ø104mm
Height	100mm
Weight	1276g
Connector	BNC

Frequency response

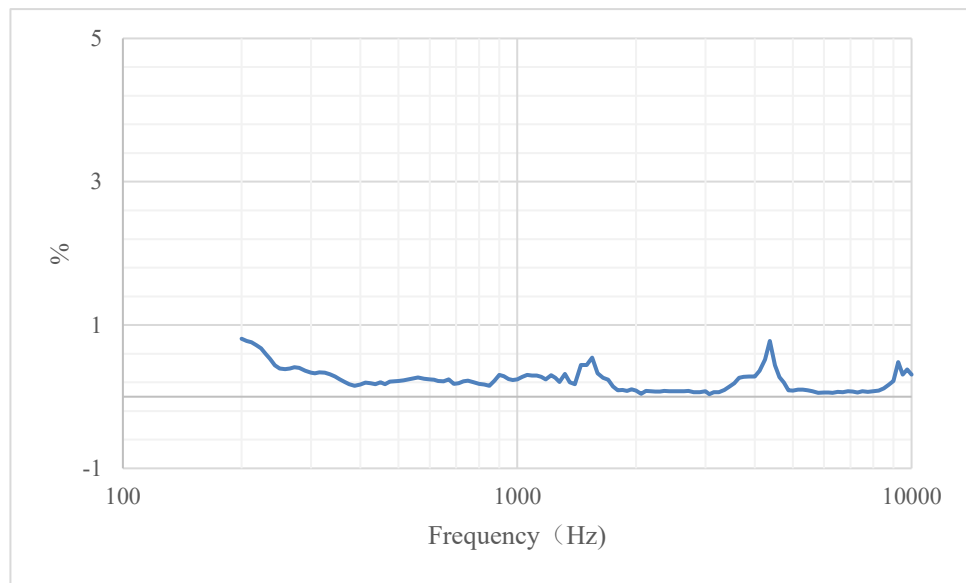
Typical sound pressure curve before compensation



Compensated 94 dB Sound Pressure Frequency Response Curve (80 mm MRP)

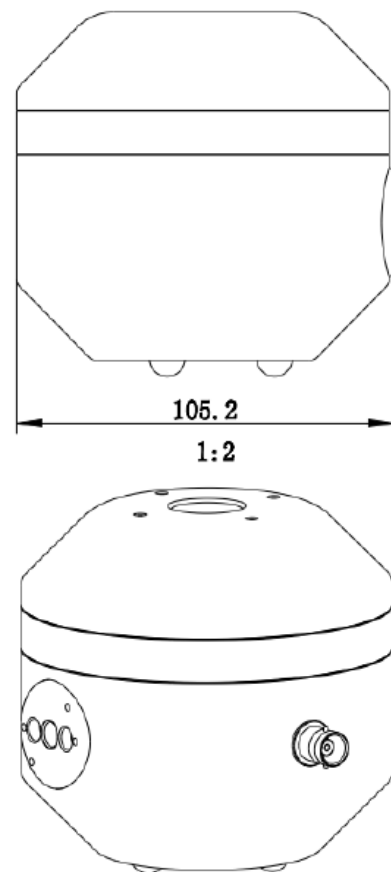
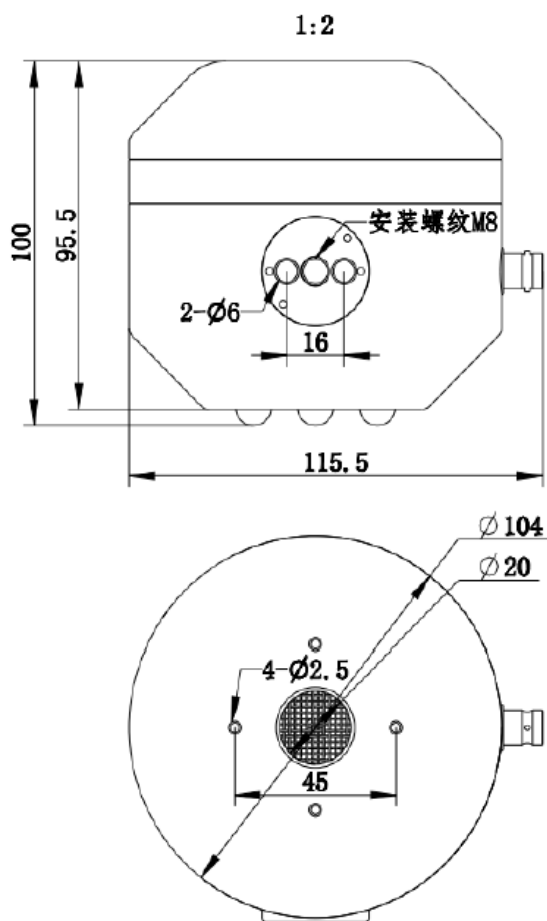


Compensated 94 dB Typical Distortion Curve (80 mm MRP)



Size and Structure

Unit: mm



Ordering information

PN	Model	Description
920062-01	AM 581	Mouth simulator
910024-01	PM 0083	Power amplifier
730002-000	102A	50Ω BNC _BNC low-noise cable, customizable length
730002-030	102A030	50Ω BNC _BNC low-noise cable , length 3.0m
730002-060	102A060	50Ω BNC _BNC low-noise cable , length 6.0m
730002-090	102A090	50Ω BNC _BNC low-noise cable , length 9.0m

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