

AM 583 高宽带人工嘴

产品规格书

AM 583 High-Bandwidth Mouth Simulator

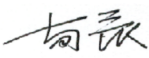
Product Specification

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工程师：何郁涵	出版人：何郁涵	审核者：赵康辉	审批者： 
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产品简介

AM 583 高带宽人工嘴



AM 583 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 583 拥有极高灵敏度及宽频带换能效率，即使在 5cm 的工作距离，也能保证 94dB 声压级下极低失真；典型 5cm MRP 距离，94dB 声压级的工作情况下，200Hz ~ 25kHz 的失真能小于 1%。

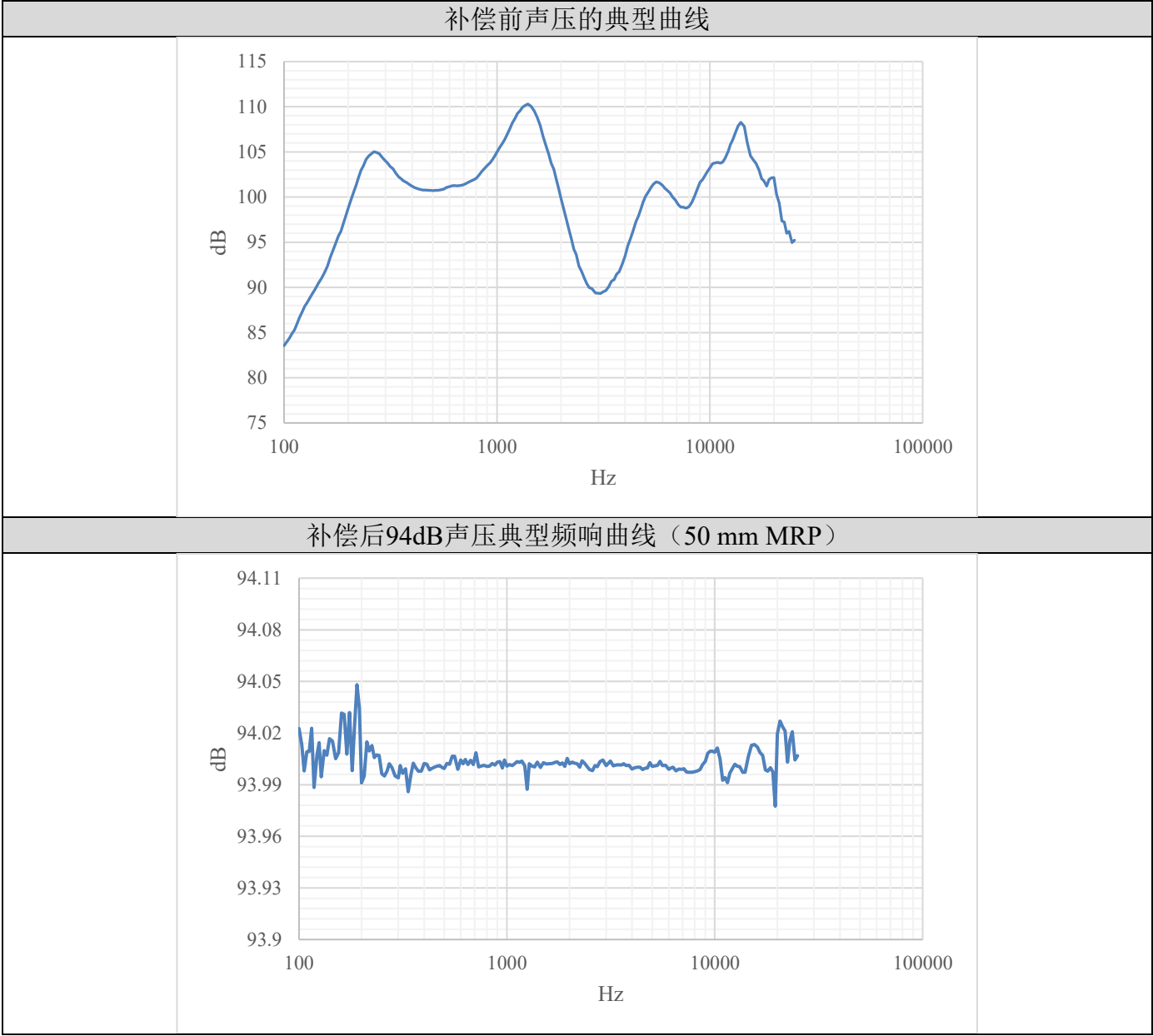
功能特点

- 声学测量标准声源
- 低失真，高稳定性
- 高带宽测量

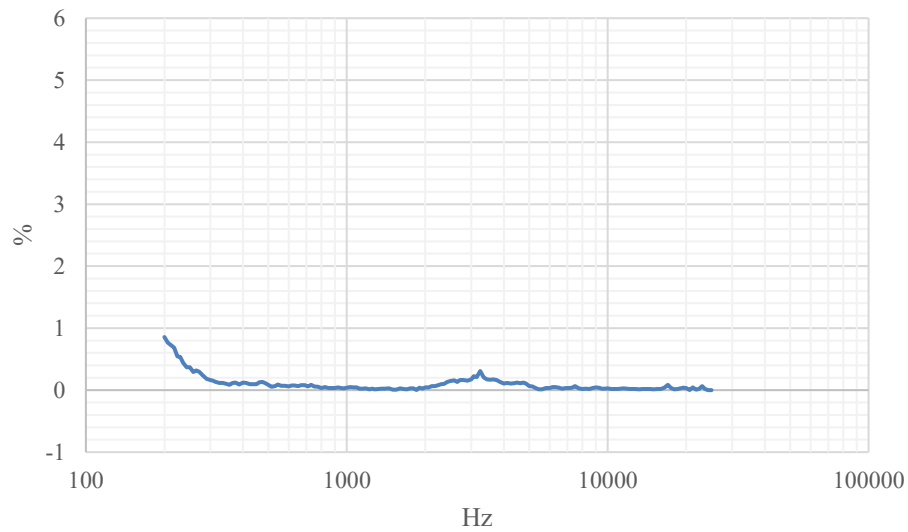
规格参数

整体参数	
失真	200Hz – 25kHz: 出厂标准小于 1% (94dB SPL, 50mmMRP 处)
频响曲线	经补偿后，5cm MRP 距离下输出声压 94dB ± 0.1dB (100Hz-25kHz)
电阻值	4 ohm
工作功率	10W (@ 1kHz, 8V 输出)
出声孔径	Ø60mm
直径	Ø104mm
高度	90mm
净重	1100g
接口	BNC

频响曲线

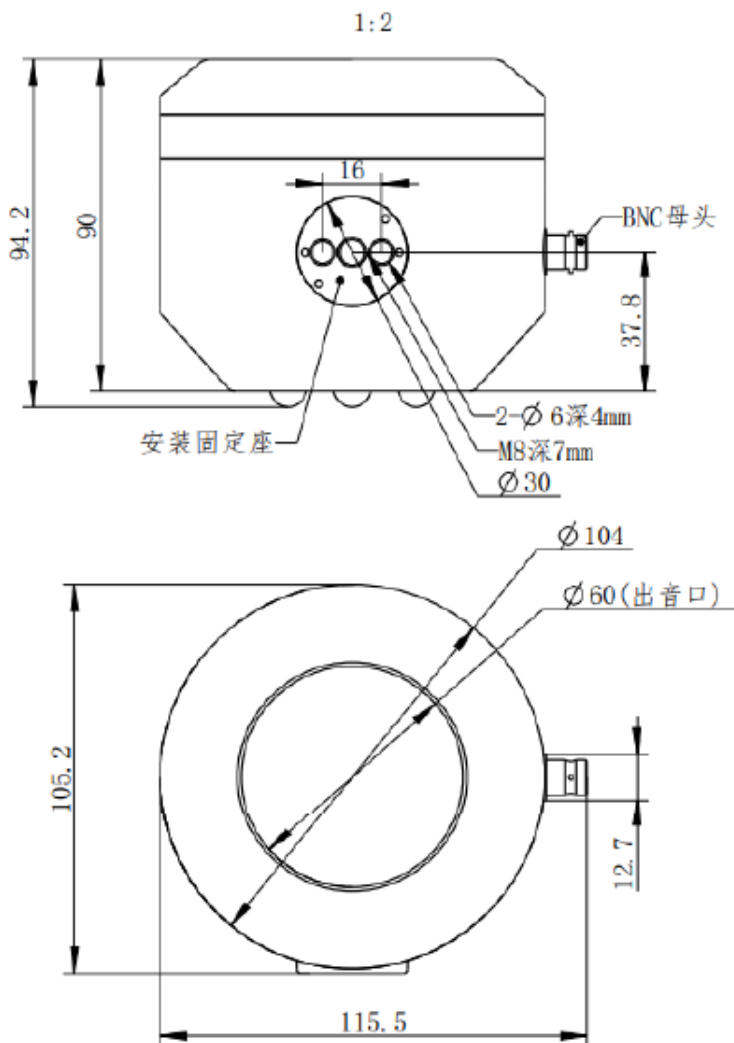


补偿后94dB典型失真曲线（50 mm MRP）



尺寸与结构

单位: mm



购买信息

PN号	型号	说明
920062-03	AM 583	高宽带人工嘴
910024-01	PM 0083	功率放大器
730003-000	103A-000	BNC 接头转BNC 接头，外径 4.9mm 黑色 PVC 材质线缆，柔软性较高，耐温 60℃，可定制长度

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Product introduction

AM 583 High-Bandwidth Mouth Simulator



AM 583 Mouth Simulator is a sound source designed for accurately simulating the acoustic field around the human mouth. It is suitable for testing acoustic parameters such as frequency response and distortion in telephone transmitters and microphones.

AM 583 offers extremely high sensitivity and broad-band transducer efficiency. Even at a working distance of 5 cm, it ensures minimal distortion under a sound pressure level of 94 dB. Under typical conditions at a 5 cm MRP distance and 94 dB sound pressure level, distortion remains below 1% across the 200 Hz to 25 kHz frequency range.

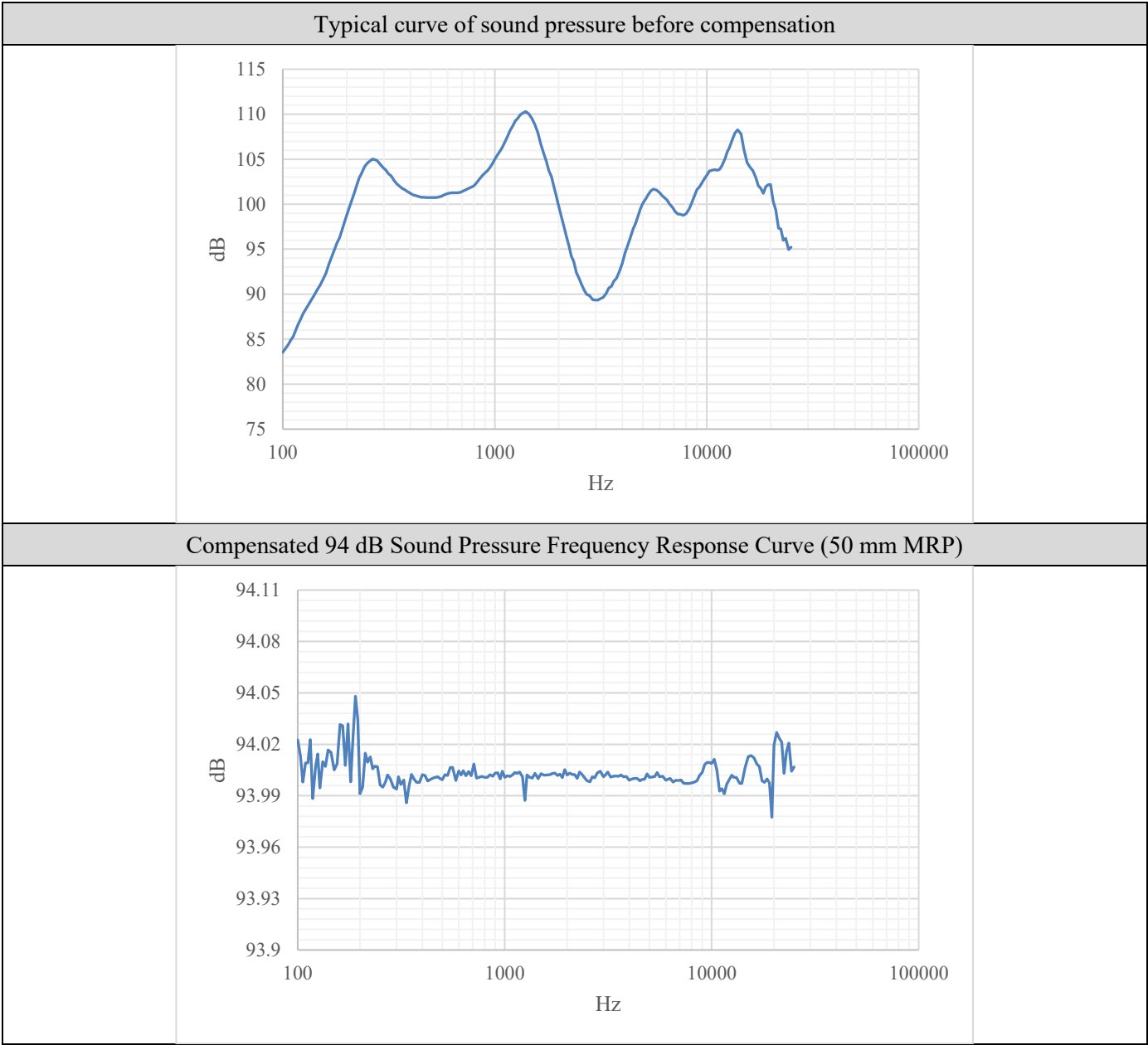
Features

- Standard sound source for acoustic measurement
- Low distortion, high stability
- High-bandwidth measurement

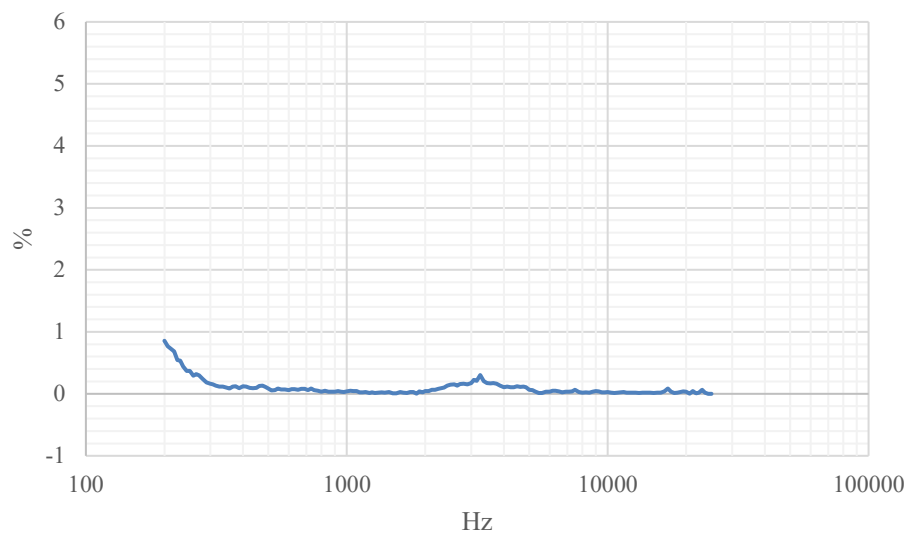
Specification parameters

Parameters	
THD	200Hz – 25kHz: test standard is less than 1% (94dB SPL, @50mmMRP)
Frequency Response	After compensation, output sound pressure is 94dB $\pm$ 0.1dB at 5cm MRP distance (100Hz–25kHz)
Impedance	4 ohm
Working power	10W (@ 1kHz, 8V output)
Aperture of sound	Ø60mm
Diameter	Ø104mm
Height	90mm
Weight	1100g
Connector	BNC

Frequency response

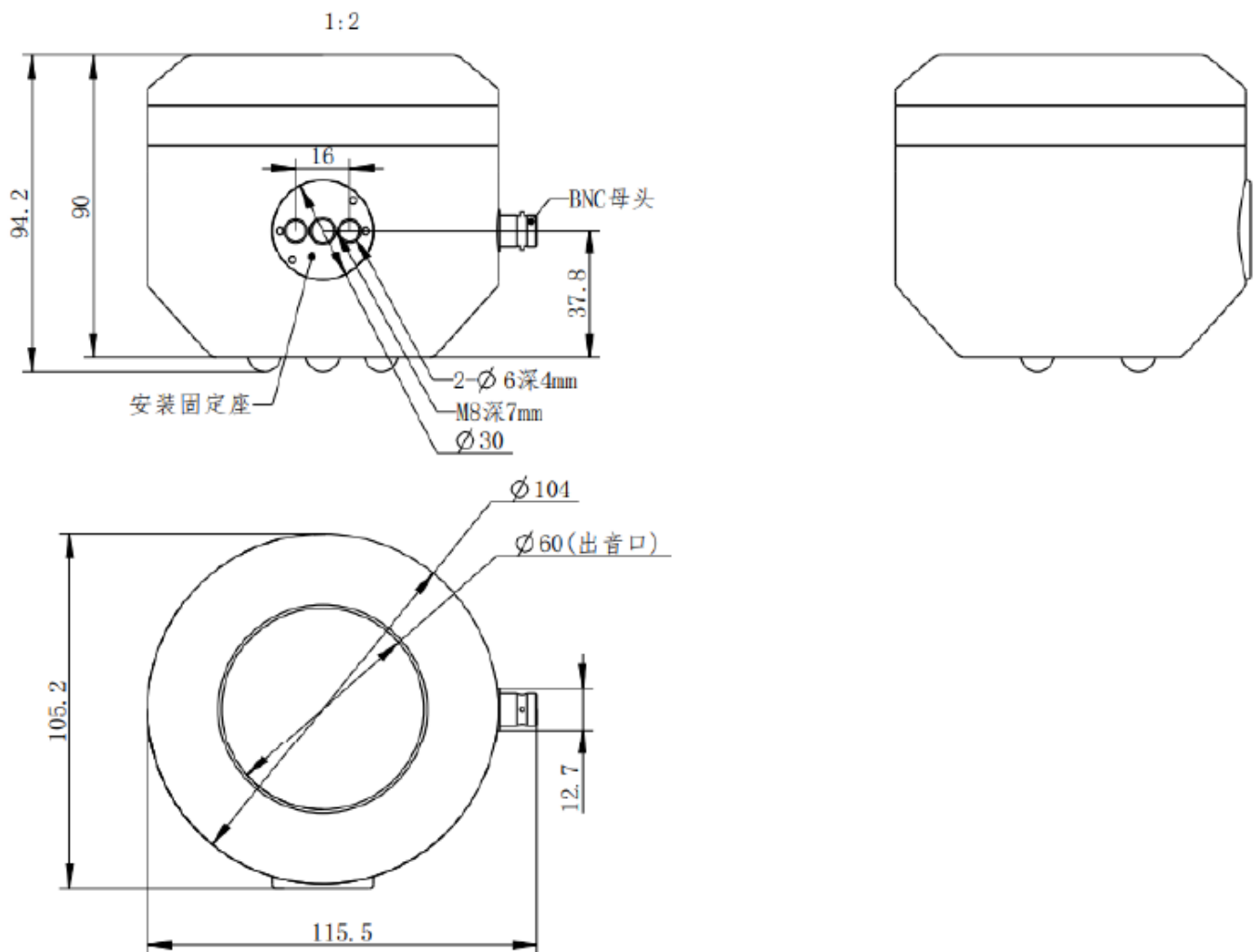


Compensated 94 dB Typical Distortion Curve (50 mm MRP)



Size and Structure

Unit: mm



Ordering Information

PN	Model	Description
920062-03	AM 583	High broadband mouth simulator
910024-01	PM 0083	Power amplifier
730003-000	103A-000	BNC plug to BNC plug , outer diameter 4.9mm black PVC material cable, high flexibility, temperature resistance of 60 °C, customizable length

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