MegaSig

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AH 233 桌面头架

产品规格书

AH 233 Desktop Head Fixture

Product Specification

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产品简介



AH 233 桌面头架

AH 233 是一款专门为消费电子耳机设计的测试夹具，拥有逼真的人体耳廓，左右耳面间距为13cm-24cm，并提供刻度参考，极高的测试重复精度。其结构设计稳定，操作重复性高。支持更换不同硬度耳廓，手拧螺丝设计，方便快速更换。

实际购买AH 233的单品，仅包含金属支架及人体耳廓(ER 808L/R)。不包含人工耳CM 311+804 (≤33dBA)，不包含人工耳 SS 770-11 (低底噪型≤16dBA)，不包含人工嘴 AM 581。

功能特点

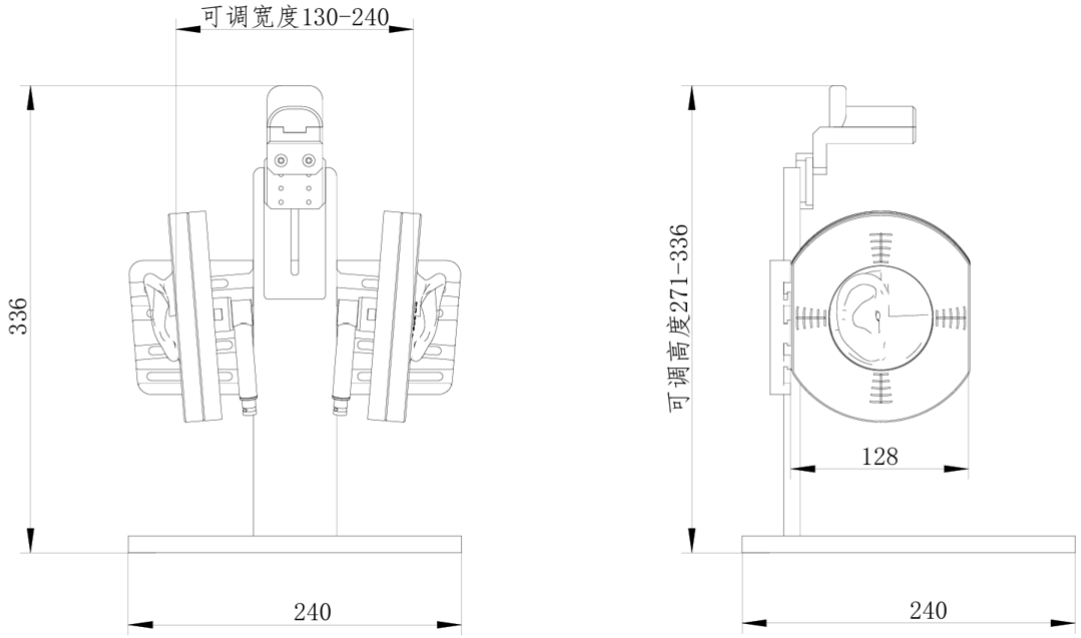
- 高度、左右耳宽可调节，所有安装位置带刻度，重复性高
- 手工调节螺丝，支持人工耳、耳廓等快速拆装
- 支持人工嘴安装，可搭配不同底噪的传声器
- 支持更换不同硬度耳廓

规格参数

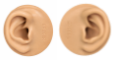
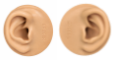
整体参数	
长度	240mm
宽度	240mm
高度	336mm
宽度可调范围	130-240mm
高度可调范围	271-336mm
重量	约4.8kg
支架材质	铝合金
耳廓材质	硅胶
耳廓硬度	20° Shore-A（标配）
可选耳廓硬度	0° Shore-A / 10° Shore-A

结构尺寸

单位：mm



订购信息

PN号	型号	图片	说明
900014-16	AH 233		桌面简易人头支架，标配一对锥型耳道ER 808 L/R（硬度20°），可调式支架一套（不包括仿真嘴耳传感器）
990026-36	ER 808-0		适配AH 233的硅胶仿真耳，硬度0° Shore-A，左右一对，ITU-TP.57 Type 3.3型耳道建议
990026-37	ER 808-1		适配AH 233的硅胶仿真耳，硬度10° Shore-A，左右一对，ITU-TP.57 Type 3.3型耳道建议
900011-13	CM 311+A 804		33dBA耦合腔，圆盘形底座，711形态
900002-01	SS 770-11		16dBA声学耦合腔，内置咪头，前置一体，711形态
900002-12	SS 771-11		12dBA声学耦合腔，内置咪头，前置一体，711形态
900002-13	SS 772-11		10dBA声学耦合腔，内置咪头，前置一体，711形态
900014-08	AD 021		二分之一前置L型转接适配器；对于SS 770-11，SS 771-11，SS 772-11搭配该产品（AH 233）使用时，需要使用AD 021进行转接才能安装到头架上
920062-01	AM 581		人工嘴，经补偿后输出声压94dB ± 0.1dB（100Hz - 10kHz）

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Product introduction



AH 233 Desktop Head Fixture

The AH 233 is a test fixture specifically designed for consumer electronic headphones. It features realistic human ear simulators with an adjustable distance between left and right ear faces ranging from 13 cm to 24 cm, along with scale markings for reference. It offers extremely high test repeatability and precision. The fixture has a stable structural design and high operational repeatability. It supports interchangeable ear simulators with different hardness levels, and the hand-screw design enables quick and easy replacement.

The actual purchase of the AH 233 unit includes only the metal stand and the human ear simulators (ER 808 L/R). It does NOT include the ear simulator CM 311+804 (≤33 dBA), the ear simulator SS 770-11 (low-noise floor type, ≤16 dBA), or the mouth simulator AM 581.

Features

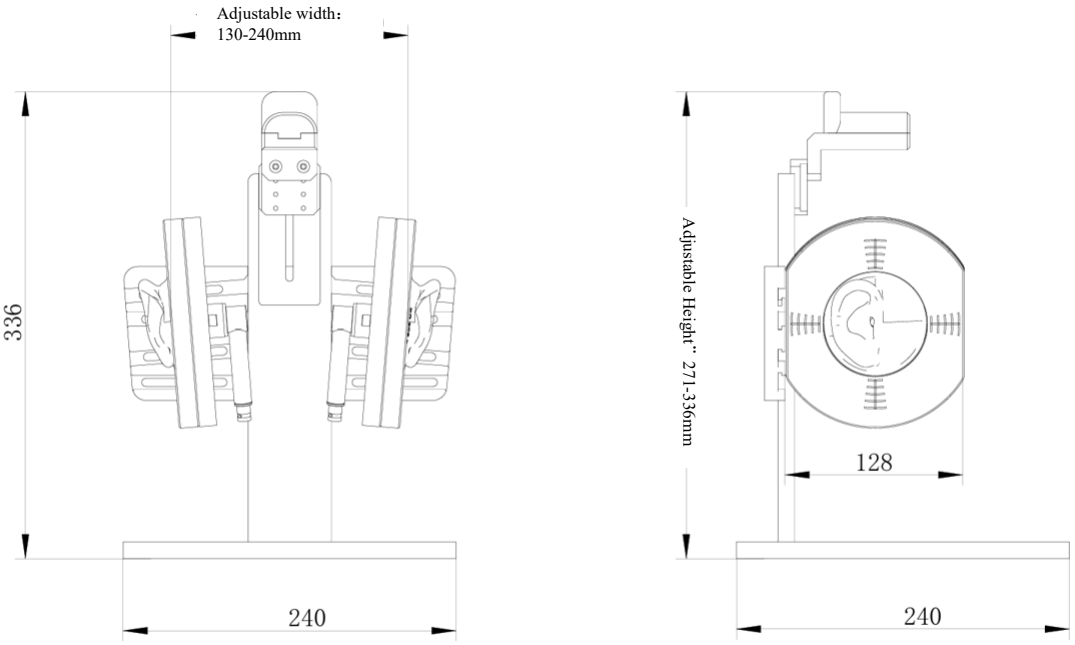
- Adjustable height and left-right ear spacing, with scales at all mounting positions for high repeatability
- Manual adjustment screws support quick installation and removal of artificial ears, ear simulators, etc.
- Supports installation of an artificial mouth and can be used with microphones of different noise floor levels
- Supports interchangeable ear simulators with different hardness levels

Specification parameters

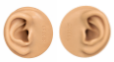
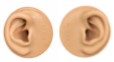
Parameters	
Length	240mm
Width	240mm
Height	336mm
Width adjustable range	130-240mm
Height adjustable range	271-336mm
Weight	About 4.8kg
Fixture material	Aluminum alloy
Ear simulator material	Silicone
Ear simulator hardness	20° Shore-A（Standard）
Optional ear simulator hardness	0° Shore-A / 10° Shore-A

Dimensions

unit：mm



Ordering Information

PN	Model	Picture	Description
900014-16	AH 233		Desktop basic head fixture, standard with one pair of conical ear canals ER 808 L/R (20° Shore hardness), one set of adjustable stand (Excluding mouth simulator and ear sensors)
990026-36	ER 808-0		Silicone ears simulator compatible with AH 233, hardness 0° Shore A, paired on both sides, recommended for ITU-TP.57 Type 3.3 ear canal
990026-37	ER 808-1		Silicone ears simulator compatible with AH 233, hardness 10° Shore A, paired on both sides, recommended for ITU-TP.57 Type 3.3 ear canal
900011-13	CM 311+A 804		33 dBA coupler, disc-shaped base, Type 711 configuration
900002-01	SS 770-11		16dBA acoustic coupler built-in microphone, front integrated, Type 711 configuration
900002-12	SS 771-11		12dBA acoustic coupler built-in microphone, front integrated, Type 711 configuration
900002-13	SS 772-11		10dBA acoustic coupler built-in microphone, front integrated, Type 711 configuration
900014-08	AD 021		1/2" Preamp L-type Adapter； For combination of AH 233 with SS 770-11, SS 771-11 and SS 772-11, AD 021 shall be adopted as a transition piece for installation on the head frame
920062-01	AM 581		Mouth simulator, with compensated output sound pressure of 94dB ± 0.1dB (100Hz-10kHz)

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