

Mouth Simulators

The ZT Mouth Simulator stands as a tool designed to replicate the sound source characteristics in the proximity of the human mouth. Specifically tailored for testing acoustic parameters, this simulator serves a crucial role in evaluating telephone microphones and microphones utilized in voice communication.

By emulating the sound field near the mouth, the ZT Mouth Simulator provides a standardized platform for assessing the performance of microphones under conditions akin to real-world voice communication scenarios. This includes measuring parameters such as frequency response, sensitivity, and other acoustic attributes that are essential for accurate voice reproduction.

Whether for quality assurance in telephone communication devices or enhancing the performance of microphones used in voice communication, the ZT Mouth Simulator ensures reliable and consistent results, contributing to the optimization of audio equipment and communication systems.

	ZT-602	ZT-609
Picture		
Standard	IEEE 269, IEEE 661; ITU-T P51	IEEE 269, IEEE 661; ITU-T P51
Min. continuous output SPL	200 Hz - 10 kHz: 110 dB (@ 25mm MRP) 100 Hz - 10 kHz: 100 dB (@ 25mm MRP)	200 Hz - 10 kHz: 110 dB (@ 25mm MRP) 100 Hz - 10 kHz: 100 dB (@ 25mm MRP)
Frequency response curve	Output sound pressure after compensation: 94 dB ±1 dB (100 Hz - 10 kHz)	Output sound pressure after compensation: 94 dB ±1 dB (100 Hz - 10 kHz)
Impedance	4Ω	4Ω
Max. continuous power	10W	20W
Max. instantaneous power	50W (1s)	100W (1s)
Sound aperture	Ø20mm	Ø20mm
Lip ring	O.D.: Ø 51 mm, Height:25 mm	O.D.: Ø 45 mm, Height: 25 mm
Diameter	Ø100mm	Ø104mm
Height	88mm	94mm
Net weight	1.30kg	1.32kg
Interface	BNC	BNC