

Abox380 is a small anechoic box fitted with a 1/4 inch microphone. The internal surface is fitted with sound absorption material. It is used for testing loudspeakers of cellphones in the factory environments. The external dimensions are the same as the ABox260. The application adaptors can be ordered for different size and configuration of loudspeakers or loudspeaker assemblies. The DUT is installed on the application adaptor and the presser is moved down to provide 5-10 N force and connections on the DUT. The top panel acts as the baffle as referred to IEC 60268-5 standard.

FEATURES

- Microphone is fixed at the precise position for repeatable measurements
- Microphone distances can be set to 10 mm or 30 mm by changing the front panel.
- Special designed calibration adaptors for calibration of microphone at the defined distance.
- Special design absorption foam in the anechoic box to reduce the reflections
- Each ABox380 was calibrated using Golden samples and comparing with the results of IEC60268-5 method

APPLICATIONS

- High volume loudspeaker testing in factory environments.
- Loudspeaker assembly testing for cellphones

SPECIFICATIONS

Loudspeaker Testing Box ABox380	
Standards	Referred to IEC60268-5
Size (mm)	260 x 250 x 500
Internal Size (mm)	160 x 170 x 90
Microphone Type	MPA416
Microphone distance (mm)	10 or 30
Calibration Adaptors	Two adaptors
Application Adaptor	Customized design
Force on the DUT	5 ~ 10 N

