

In the measurement of sound power level according to ISO 3745-2003, 20 measurement positions are required on a spherical measurement surface enveloping a noise source in anechoic and hemi-anechoic room. However, it is difficult to mount 20 microphones on tripods in a spherical surface.

BSWA Technology developed MF720 (and MF710) microphone fixture specifically for such measurements. MF720 is designed according to ISO 3745-2003 to mount 20 microphones over the spherical surface; MF710 is a 10 positions version according to ISO3745; ISO7779 and GB6882.

MF720/ MF710 main features:

- 20 / 10 microphone positions.
- The position and orientation of each microphone can be adjusted to fit the amendment of the ISO standards.
- Portable with light weight and the parts can be disassembled for transportation.



Figure 1: Microphone Mounting for MF720

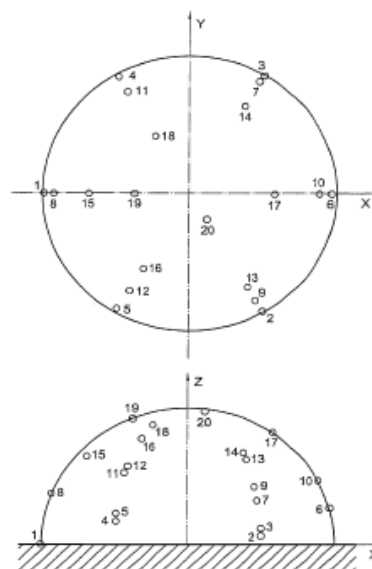


Figure 2: Microphone positions for MF720

Specifications

	MF720	MF710
No. of Microphone Positions	20	10
Standards	ISO3745-2003	ISO7779; GB6882-88; ISO3475-1982
Radius (microphone positions) (m)	1.0	1.0
Microphone Size to be Fixed on (inch)	1/2	1/2
Carrying Case (mm)	1500 * 350 * 200	1500 * 350 * 200
Weights(kg)	11	10
Optional Items		
MPA201 1/2" ICP Microphones	20	10
CBB 020 20 m BNC cables	20	10