

Free field microphone SS 740

Version: 1.3_20230811_EN



The SS 740 is a free field measuring microphone for 1/4 inch electret microphones, which is used to measure the undistorted true sound pressure of the microphone before it is placed into the sound field.

The SS 740 is positioned for its high sensitivity, suitable for applications such as conventional acoustic testing, microphone array testing, and the microphone and preamplifier are built in one piece and are not removable.

With MegaSig PM 0083 and other IEPE signal conditioning to achieve the best test results.

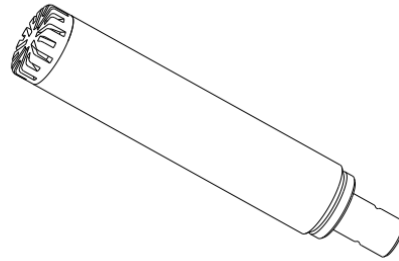
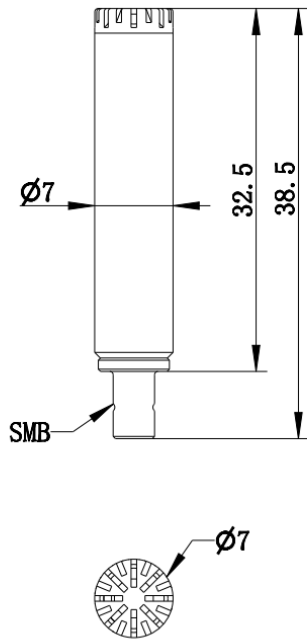
Product characteristics

- High stability
- High bandwidth
- High sensitivity

Specifications

Microphone type	Electret
Sound field	Free field
Sensitivity mV/Pa	50 mV/Pa (-26.0dB±2dB) re 1V/Pa
Frequency Response	20-20kHz ±2dB
Dynamic range (dB)	30~125
THD	< 3% at 125dB SPL
Working temperature	-10°C to 40°C
Temperature Coefficient	10%- 60% no condensation
Typical working current	IEPE 4 mA
Connector	SMB
Length	38.5mm
Diameter	7mm
Storage condition	Temperature: 25°C±5°C, humidity: 50%±15%RH (to ensure the long-term stability of the sensor)

Dimensions: mm



MegaSig reserves the right to change specifications and accessories without notice.



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