

Free-field Microphone Sets SS 740

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The SS 740 is a free-field measuring microphone for the IEPE 1/4 inch electret microphone, designed to measure the distortion-free true sound pressure before the microphone is placed into the sound field.

The SS 740 positioning is due to its high sensitivity, suitable for conventional acoustic testing, microphone array testing and other applications, the head and front integrated construction, non-removable. Use IEPE signal conditioners such as MegaSig PM 0083 for optimal test results.

Product characteristics

- High stability
- High frequency range
- High sensitivity

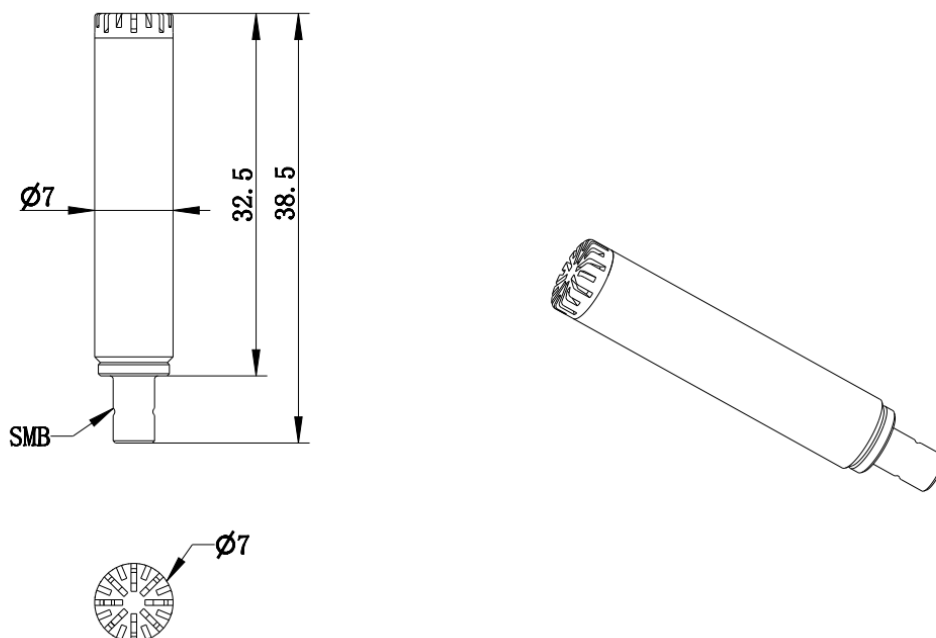
Specifications

Sound field	Free-field
Polarization	0V (Pre polarized)
Frequency range	20Hz – 20kHz ± 2dB
Dynamic range	34dB (A) -125dB (1000 Hz THD<3%)
Inherent noise	34dB (A)
Sensitivity mV/Pa(dBV/Pa)	50mV (-26.0dB) ± 2dB
Output level max	1.8V
Output impedance	<50Ω
Power supply min. to max.	2mA-20mA (Typical 4mA)
Microphone type	electret microphone
Connect type	SMB

Temperature range,operation	-10°C to 40°C
Storage condition	Temperature: 25°C±5°C, humidity: 50%±15%RH (to ensure the long-term stability of the sensor)
Relative humidity	10-60% no condensation
Relative humidity coefficient	<0.1dB(10-60% no condensation)

Mechanical dimension

Overall length	38.5mm
Diameter	7mm



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



www.megasig.com

MegaSig Measurement & Control Technology Co.,Ltd

Tel: 0755-8950.8393

Fax: 0755-8950.8392

Sales email: sale@megasig.com

Technical support email: support@megasig.com

Address: Room 1002, Unit 2, Building 1, Hongxing Chuangzhi Plaza,
Guangming District, Shenzhen,China