

Measurement Microphone MI 17 for ICP-Power Supply

The MI17 ICP measurement microphone provides a cost-effective solution for acoustic measurements. It can be used in combination with any instrument that has an ICP® or constant current power supply. The frequency behaviour is according to Class 1 specification DIN/IEC 651.

Ideal Applications include the measurement of:

- Product noise
- Environmental noise
- Acoustic modes
- Sound power

Specifications:

- Mic.Type: Electret prepolarised
- Mic.Size: ¼"
- Response: Free-field
- Frequ.Range: 20Hz..4kHz ±1dB
4kHz..20kHz ±1.5dB
- P_{max}: 130dB (140dB on request)
- Sensitivity: 50mV/Pa(0db)
- Noise: <26dB(A) 20Hz..20kHz
- Supply: 2..6mA @ 5..28VDC
- Temp.Range: -10..50°C
- Dimension: ø12 x 88 mm
- Connector: BNC female (male, TNC or Microdot on request)



Recommended Accessory:

SL05000 Calibrator

- Accuracy: Meets Class1 requirements
- Cal.Level: 94dB @ 1kHz

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