SLTK - Sound Level Test Kit

For On-site Sound & Noise Measurements

SYSTEM APPLICATIONS:

- Pass by Noise Tests
- Construction Site Noise Monitoring
- Equipment & Machinery ISO Noise Level Tests

DAQ HARDWARE INFO:

- 8, +/-5V, IEPE & AC/DC Input
- 51.2 kS/s/channel Sampling Rate
- 24-bit resolution

SENSOR SPECIFICATIONS:

- 130A24 ICP® Water Resistant Microphone and preamplifier
- Sensitivity: **10 mV/Pa**
- Microphone Diameter: **0.5"**
- Microphone Length**: 2.75"**
- Frequency Response: **Free Field**
- Frequency Response (±3 dB): **20 to 160000 Hz**
- Dynamic Range: **150 dB**
- Temperature Range (Operating): **+14 to +122 °F**
- Housing Material: **SS**
- Electrical Connector: **BNC Jack**

SENSOR ACCESSORIES:

- Windscreens
- Microphone Holder
- Microphone Stands
- 50' BNC Cable

For More Information and Pricing Contact:

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Integrated Test & Measurement
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Whether you are monitoring construction site noise levels 24/7 or qualifying machinery and vehicle noise emissions to ISO standards, the Sound Level Test System contains all the hardware needed to acquire quality sound data.

The standard Sound Level Test System consists of a NI cDAQ 9191 wi-fi chassis, a NI-9231 sound & vibration input module, power supply, ethernet switch, and 6 microphones. Microphones are furnished with stands, cables, and windscreens. The data acquisition hardware is packaged in a rugged Pelican case with external weather resistant sensors and connections. Microphones, stands, cables and windscreens are packaged in a separate rugged Pelican case.

Use our iTestSystem software to view sound level data in real time or to stream data from the cDAQ chassis to your laptop.

Fuigure1: SLTK DAQ Hardware and Microphone Sensor Kit

Part Number Configurator – SLTK-DAQ-XX-YY-ZZ

Kit Series	DAQ Type	Sensor Connections	Trendnet WIFI	Price*
SLTK-DAQ	XX	YY	ZZ	
	01 - USB	01 – BNC	00 – NO WIFI	~ $8,000
	02 - ETHERNET	02 – Microdot	01 - WIFI	
	03 - WIFI	03 – Terminal Block		

Part Number Configurator – SLTK-MIC-XX-YY-ZZ

Kit Series	Microphones	Cables	Stands	Price*
SLTK-MIC	XX	YY	ZZ	
	01 to 08	01 - BNC	01 to 06	~ $8,000
		02 – Microdot to BNC		
		03 – Terminal Block to BNC		

*Pricing subject to change depending on selections, accessories added, and component price changes. Call or email to request current pricing.

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iTestSystem.com

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