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## Dynamic signal analyzer

### Features and applications:

- Excellent multi channel measurement system, parallel synchronous data acquisition with sampling frequency up to 204.8KHz per channel.
- DAQ hardware based on multi-DSP parallel computing processing technology, real-time processing, independent of computer.
- High precision and accuracy, each input channel uses a separate 24-bit resolution ADC, low noise hardware design, and built-in analog anti-aliasing and digital filters.
- Convenient secondary development interface, support external control and data export.
- DAQ software based on Windows operating system, simple operation, graphical interface.
- USB2.0 interface, ensure real-time and computer high-speed data transmission.

### Specifications:

Model name	UM - 7004	UM - 7008	UM - 7016	UM - 7108
Input Channels	4	8	16	8
TACHO Input	1	3	3	1
Output Channels	1	2	4	2
Resolution	24-bit $\Sigma$ - $\Delta$ ADC			
Computation	32-bit floating DSP			
Dynamic Range	120dB			
Sensor Compatible	Voltage (AC/DC single end, difference), IEPE (built-in constant supply)), TEDS, TACHO			
Frequency Accuracy	0.001%			
Amplitude Accuracy	0.2% FS (1V input, < 10 kHz)			
Touch Screen Operation				√
Rechargeable Battery		√	√	√
Software Module	UM - 7004	UM - 7008	UM - 7016	UM - 7108
Data Recorder, Playback Analysis	√	√	√	√
FFT Based General Purpose Analysis	√	√	√	√
Waveform Generator	√	√	√	√
Vibration and Noise Analysis	√	√	√	√
Acoustics Analysis	√	√	√	
Order Tracking and MVHM	√	√	√	√

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# Ulinks

Modal Analysis	√	√	√	√
Shock and Impulses	√	√	√	
Shaker Performance Verification		√	√	

FAQ:

Q: What's the advantages of your vibration test table?

A: All the main components are manufactured by our company, such as the shaker, the vibration controller and the power amplifier. So, the quality is controlled very stable.

Q: How about the payment method and mode of transport?

A: We use T/T payment in advance. The transport can be sea or air shipment.

Q: How about the delivery period?

A: One week. As we need to manufacture and do quality testing, and to cut the cost of sensors, we are carrying out zero inventory management. Therefore, we need one week to prepare the orders.

