# **DSA Acoustic Analysis**

Follow the guided steps below on how to set-up an Acoustic or Octave Analysis in EDM to use with Spider hardware.

## **Create Test**

In EDM, select to create a new test. From the New Test Wizard, select the **Acoustic Analysis** test type.





New Test Wizard ? X							
Fill in the basic information for this test Note: you will be able to search for this test by "Test name" or "Test description".							
Create a new Acoustic Analysis test: Acoustic							
Test name:	Acoustic		Append the sequence number 5				
Test descrip	otion:						
Use the default libraries of the previous test of the same type. If default libraries were not applied before the manufacturing settings will be used.							
◎ Create test by using a template.							
Select	Template Name	Description					
Spider syste	sys_2597504	•					
Test directo	ry: C:\Users\Drew\E	Documents\EDM\Spider_DSA\Acoustic	Choose				
Create ne	st directory: C:\Users\Drew\Documents\EDM\Spider_DSA\Acoustic Choose Create new run folder for each run						
			< Back Next >	Can	cel		

Finally, select the signal types that are wanted. The options include Auto Power Spectra (APS), Tachometer (TACHO), Octave Analysis (OCT), and Sound Level Meter (SLM). You are **unable** to add more signal types to be computed once the test is created. Press **Finish** to create the test.

New Test Wizard	?	×
Please check the signal types to be computed in real time. Note: Go to Measured Signals settion to select the signals to be viewed or saved		
✓ Time Streams and Time Block signals are always available		
APS: Auto Power Spectra using FFT		
TACHO: Tachometer		
SLM: Sound Level Meter measurement using real time digital filters		
OCT: Octave Analysis using real time digital filters		
Select all		
	-	
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#### **Test Configuration**

### **Input Channels**

#### **Run Test**

From: https://help.go-ci.com/ - **Crystal Instruments Help** 

Permanent link: https://help.go-ci.com/dsa:acoustic?rev=1716303292

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