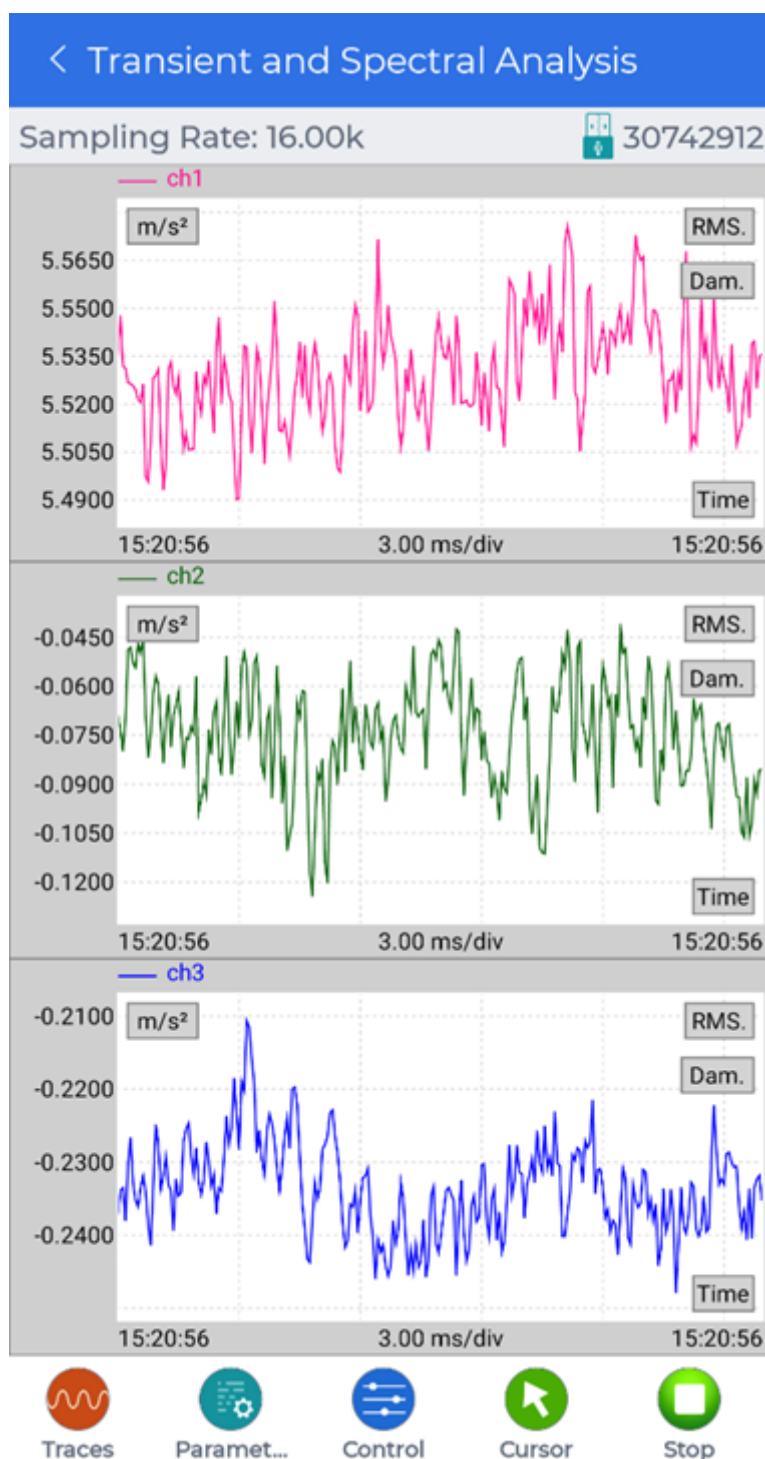


# Spectral Analysis

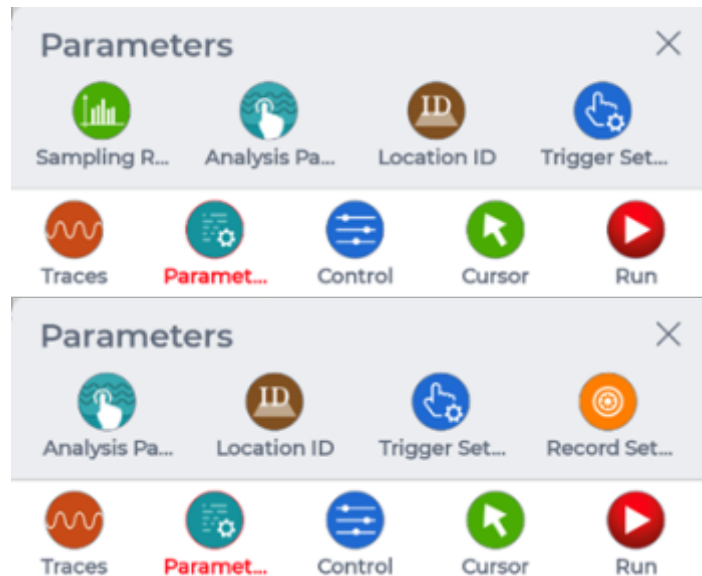
The **Spectral Analysis** page can be accessed by connecting to a Ruby via USB.



For more details on controlling the signal display traces, see [Moving and Zooming around in the Signal Display Traces](#) or [Navigating Signal Display Controls](#).

# Spectral Analysis Parameters

Tap the **Parameters** button to open a menu that contains additional buttons for editing the spectral analysis settings. Sliding left on the menu will reveal more buttons.



## Sampling Rate

Change the sampling rate from 16.00kHz to 125.0Hz.

## Analysis Parameters

Change various analysis parameters such as:

- Block size
- Average mode
- Average number
- Window type

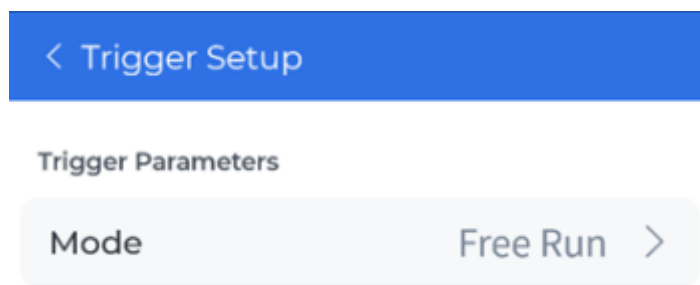
## Location ID

Change the location ID of each channel.

## Trigger Setup

Change the trigger setup of the signal from:

- Free Run

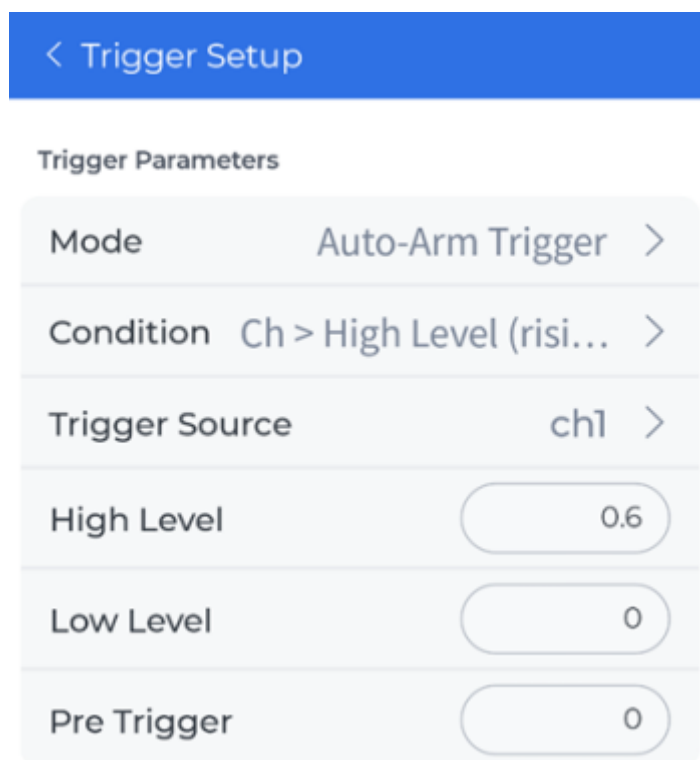


< Trigger Setup

Trigger Parameters

Mode	Free Run	>
------	----------	---

- Auto-Arm Trigger



< Trigger Setup

Trigger Parameters

Mode	Auto-Arm Trigger	>
Condition	Ch > High Level (risi...	>
Trigger Source	ch1	>
High Level	0.6	
Low Level	0	
Pre Trigger	0	

## Record Setup

Change the signal recording of:

- Which channels to record
- How many points to record
  - Or how long of a duration to record for

## Spectral Analysis Controls

Tap the Control button to open a menu that contains additional buttons for controlling the spectral analysis traces.

- Restart: restart the spectral analysis data acquisition.
- Record: record signal data from the connected Ruby according to the current spectral analysis settings that will be stored in the Ruby.

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

Permanent link:  
[https://help.go-ci.com/ruby:spectral\\_analysis](https://help.go-ci.com/ruby:spectral_analysis)

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