1.9
Tune Overview

Std. Familiarization Time: 0:10:00

Approximate Video Time: 0:06:30

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Tune

Tune
• Optimizing instrument performance for a specific analysis

Types of Tune
• [Auto Tune]
• [Custom Tune]
• [Signal Monitor]

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Auto Tune

- Usually, select [Auto Tune]
- When auto tune is complete, the result is saved in the batch

- Performing a Startup optimizes the hardware setting parameters; these provide the instrument's basic performance settings. In addition, performing an auto tune for each batch optimizes the parameters for the relevant acquisition

- [Auto Tune] cannot be selected for a batch that was created from a blank template

Custom Tune

- You can select each lens parameter to tune and then perform auto tune

- You can also adjust each tuning parameter manually by operating the slider or changing the value while you monitor the signal

- The result of manual tuning is saved in the batch

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Signal Monitor

- You can monitor the signals

- While each tuning parameter can be changed, they are not save in the batch

Differences between Startup and Auto Tune

- Startup consists of some hardware settings and lens tune

- The purpose of Startup is to monitor the instrument status in a specific condition

- The Performance Report for Startup is important to monitor trends in instrument performance

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Relationship between Hardware Settings and Auto Tune parameters

• Some hardware settings that were optimized in Startup will be also used in data acquisition

• When you use a preset method, Tune parameters for Auto Tune are acquired from the preset method. The optimized tune parameters are saved in the batch

• The standard lens tune parameters in Startup are not used for Auto Tune

Others

• Creating a tune report

• Tune in batch acquisition

• Vial settings when running tune

• For detailed custom tune operations and other special tunes, refer to "2.1 Custom Tune and Other Tunes" video

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