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*User Release Notes*

**SonoLab Version 10.1**

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29 March 2021

## ***Introduction to SonoLab 10.1 Software***

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SonoLab version 10.1 operates the ML230 ultra-sonicator instruments

SonoLab software is necessary to run the ML230. It is pre-installed on the built-in computer.

## ***Installation Guide/System Requirements***

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### Steps for Install:

Please refer to the appropriate appendix of the ML230 User Manual or contact Covaris technical support for installation instructions.

### System Requirements:

Operating System Compatibility: Microsoft Windows 10.

An Ethernet port must be available.

For more information or questions please contact:

[techsupport@covaris.com](mailto:techsupport@covaris.com)

[781-932-3959](tel:781-932-3959)

## *Version Changes*

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### Version 10.1.0.1395

March 29, 2021

#### New Features

- SonoLab will send a reset command to the RFID reader if it fails to read a tag (3x) when one is expected to be present
- SonoLab will detect malfunctioning RFID readers that return a serial number of zero
- The Y-axis of history detail graphs of AIP and temperature will start at zero

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### Version 10.1.0.1380

December 18, 2020

Various reliability and usability improvements.

#### New Features

- Option to shutdown Windows when exiting SonoLab
- On-screen keyboard repeats when button is held down
- Consumable-based method selection
- Default user
- Disable schedule editing when scheduler is off
- Display IP addresses in About tab
- Maximum AIP changed to 100 watts

#### Bug Fixes

- If scheduler Off action runs, then the next Ready action will not run

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### Version 10.1.0.1264

June 5, 2020

Various reliability and usability improvements.

#### New Features

- Create prompt steps at any level
- Option to fill the bath upon on startup

#### Bug Fixes

- Y-axis dither parameter changed
  - Plate definitions created before 6/5/2020 are incompatible with 10.1.0.1264 and later versions of SonoLab 10.1
  - Be sure to use the most recent ML230 plate definitions
- SonoLab.config XML comments were being deleted

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## Version 10.1.0.1238

April 27, 2020

Various reliability and usability improvements.

### New Features

- Write UI actions to log file

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## Version 10.1.0.1231

April 16, 2020

Various reliability and usability improvements.

### New Features

- Drag & drop editing of method steps
- Option to copy dithering parameter values to all process steps
- Drain the bath if water level drops too low and periodic fill is off

### Bug Fixes

- Enforce max PIP and AIP values specified in plate definition
- Changed max Y-axis dither from 5.0 to 4.5

First released version

### New Features

- Run/Pause/Resume/Abort methods
- Display instrument status
- Motion and water control
- Display water level & temperature, method treatment time, and time to degas
- Override temperature and degas
- Create and edit methods
- Create and edit scheduled operations
- Periodic fill
- Fill on startup
- View method history
- View instrument information such as instrument type, serial numbers, versions, etc.
- User login/logout
- Administrative control over user accounts and other settings
- On-screen keyboard for touch-screen support
- Launch SonoLab upon instrument power-on
- API automation support