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*User Release Notes*

**SonoLab Version 10.0**

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24 February 2022

## ***Introduction to SonoLab 10.0 Software***

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SonoLab version 10.0 operates R230 ultra-sonicator instruments

SonoLab software is necessary to run this instrument.

It is pre-installed on the computer that comes with the instrument.

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

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### Steps for Install:

Please refer to the appropriate appendix of the R230 Setup & Instruction Manual or contact Covaris technical support for installation instructions.

### System Requirements:

Operating System Compatibility: Microsoft Windows 10.

An USB 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 10.0.1.1309

24 February 2022

Second release

### New Features

- Handheld barcode reader support
- Handheld RFID reader support
- Untreated positions button and dialog box
- Consumable-based method selection
- Bi-directional scanning
- Default user permissions
- Allow expired consumables to run with user consent
- Frequency hopping parameters in plate definitions
- Automatic board settings validation and restore
- Warn user of UV light error conditions
- Support 384-well plates
- Display message boxes with icon and color banner
- Improvements to history display and load performance
- Support for Covaris Downholder

### Bug Fixes

- If scheduler Off action runs, then the next Ready action will not run
- Fill on startup doesn't fill empty bath
- If bath is empty, the chiller setpoint isn't applied when a different method is selected
- If bath is empty and "Fill to Load" is clicked, the water level will end up lower than the target load water level
- Daylight savings time issues

Initial release

### 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
- RFID-based consumable validation
- Create and edit methods
- Rearrangement of method steps via drag and drop
- 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
- API automation support