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User Manual Supplement

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Supersedes: New

Technology Platform:
3M™ Petrifilm™
Originating Location: St. Paul, MN

3M™ Petrifilm™ Plate Manager 3.0.1 Upgrade/Installation Instructions

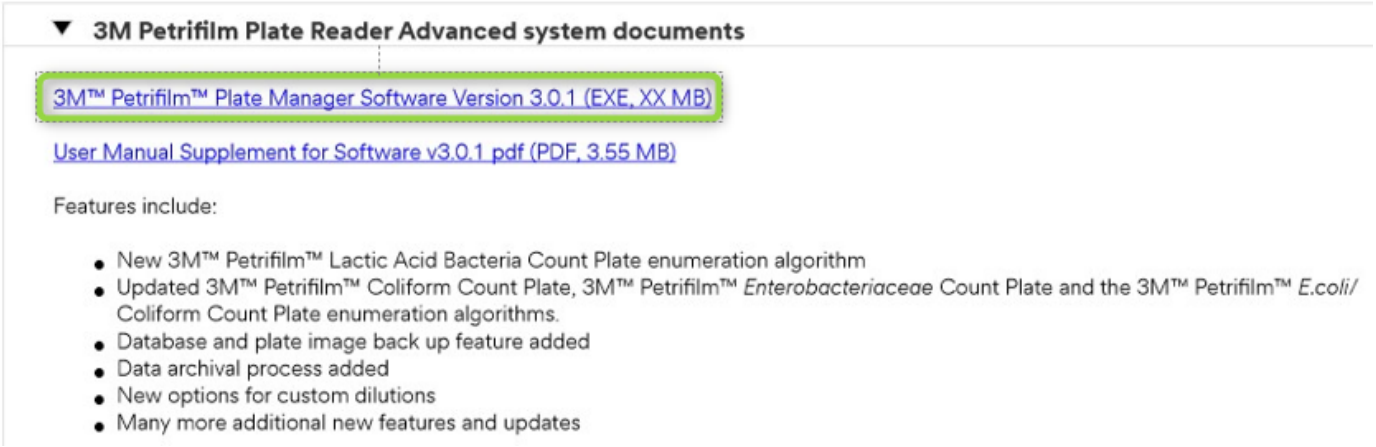
This document is a supplement to the 3M™ Petrifilm™ Plate Reader Advanced and 3M™ Petrifilm™ Plate Manager User Manual. This supplement contains instructions for upgrading or installing the 3M Petrifilm Plate Manger software to version 3.0.1.

Minimum Computer/Server Requirements

- Body Microsoft .NET Framework 4.5 or above (Installer)
- Device Drivers – For connectivity with the 3M Petrifilm Plate Reader Advanced (LibUsb installer)
- Visual C++ Redistributable (64-bit) - vcredist_x64.exe (version 10.0.30319.1) (Installer)
- Intel-Core-i3 @ 1.80GHz Processor, Windows 8, Windows 8.1, or Windows 10, 32/64 bit Intel based processors with minimum 4 GB of available RAM

How to Access Software Download

Use the link below to access the software download page
https://www.3m.com/3M/en_US/food-safety-us/support/package-inserts/software-download/

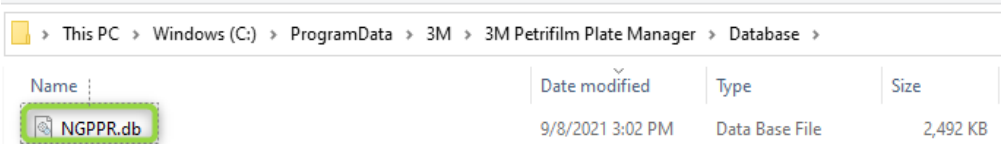


Upgrade Instructions

The upgrade process is programed to back up the database prior to performing the upgrade but it is still strongly recommended to conduct a manual backup of the database prior to performing an upgrade.

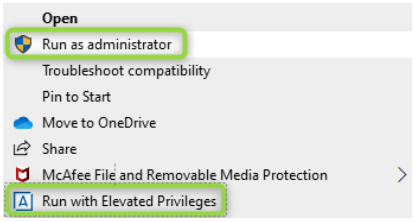
Manual Backup of the database

1. Open a file explorer window and navigate to the following path: C:\ProgramData\3M\3M Petrifilm Plate Manager\Database
2. Copy the “NGPPR.db” file and paste it to another folder on your desktop or network. If anything should happen during the upgrade process this file can be used to restore your data.

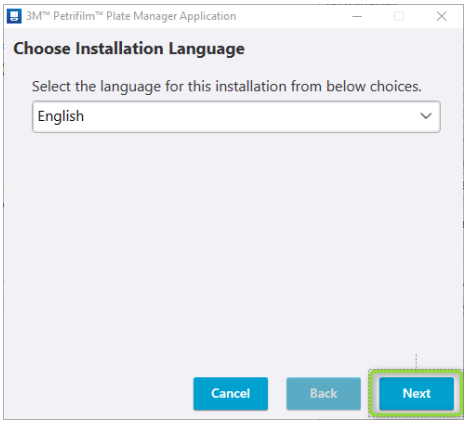


Upgrading from any previous version of the 3M™ Petrifilm™ Plate Manger software

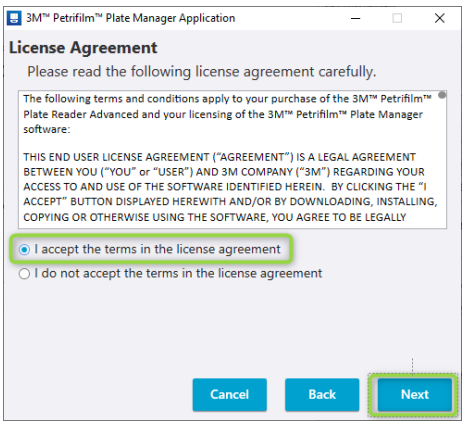
1. Locate the MMM_FSD_NGPPR_Setup Ver 3.0.1.exe file that was downloaded. Right click on the file and select “Run as administrator” or “Run with Elevated Privileges”.



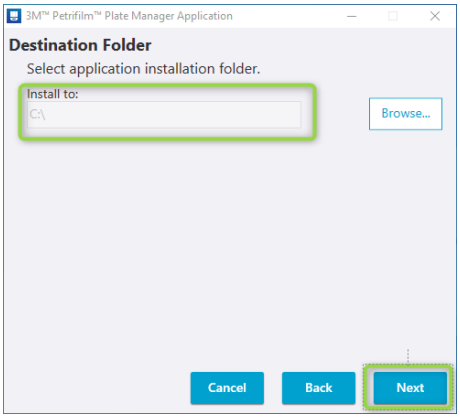
2. The Choose Installation Language window will appear. Select the prefered install language from the drop down menu and select “Next”.



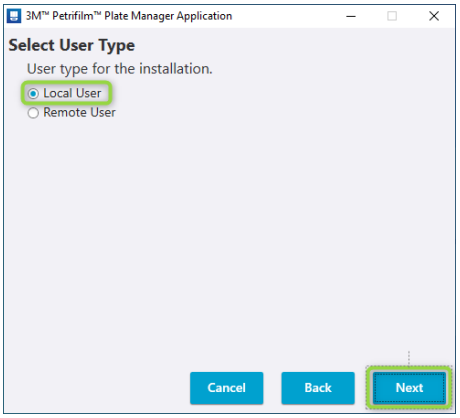
3. Read the licensee agreement and select “I accept the terms in the license agreement” if you want to proceed with the installation. Then select “Next”.



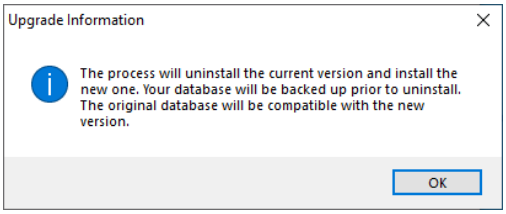
4. Select the path at which you would like to install the software. It is strongly recommended to install at the default location for the best performance. To install at the default location select “Next”.



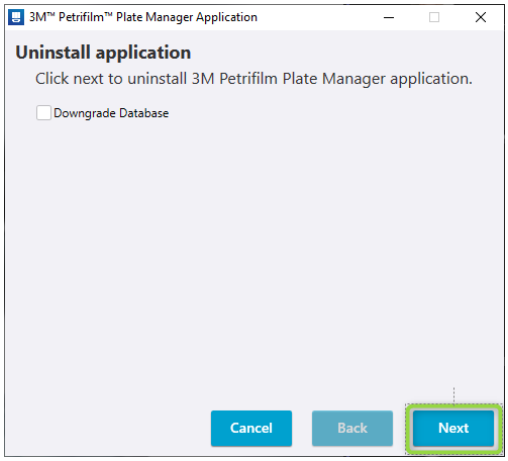
5. Select “Local User” if it is your intention to use the software with the 3M™ Petrifilm™ Plate Reader Advanced device. Select “Next” to proceed. For remote installations please refer to the 3M™ Petrifilm™ Plate Manager User Manual for instructions.



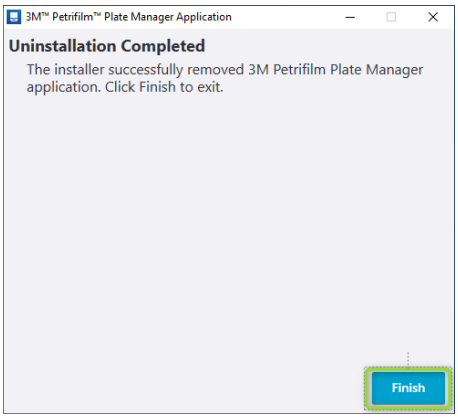
6. The process will proceed to uninstall the current version and install the new version. Prior to this occurring, the software will backup your current database.
Your current database will be compatible with the new version installed.

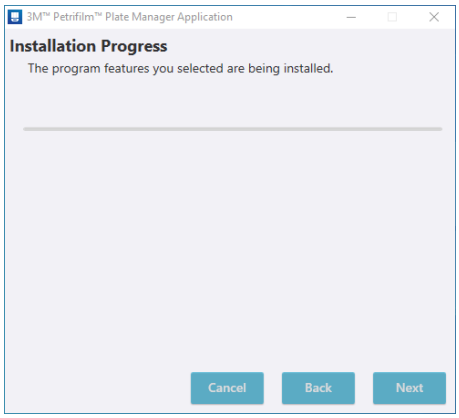


7. By default, downgrade database is unselected. Select the “Next” button to proceed with the uninstallation.

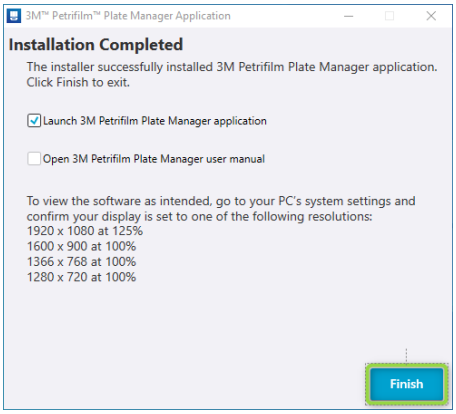


8. Select “Finish” and it will proceed to the next screen that will install the new version 3.0.1.





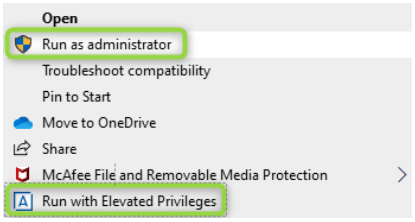
9. The installation is now complete and by default the checkbox “Launch 3M™ Petrifilm™ Plate Manager application” will be selected. Upon clicking “Finish” the application will launch.



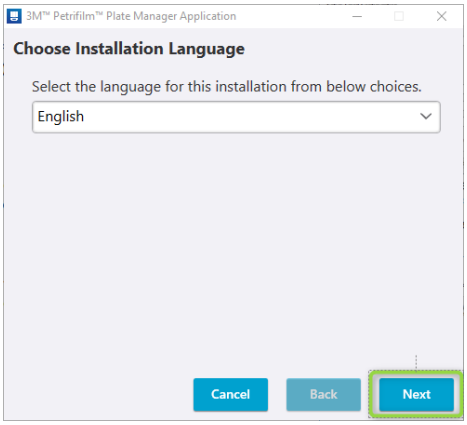
10. Once the 3M™ Petrifilm™ Plate Reader Advanced is connected to the PC, the device will restart, up to two times, in order to load the new firmware.

First Time Installation Instructions

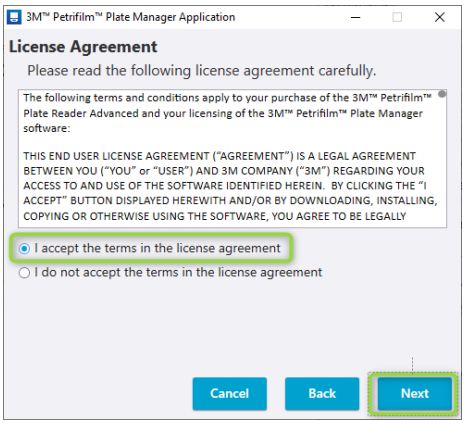
1. Locate the MMM_FSD_NGPPR_Setup Ver 3.0.1.exe file that was downloaded. Right click on the file and select “Run as administrator” or “Run with Elevated Privileges”.



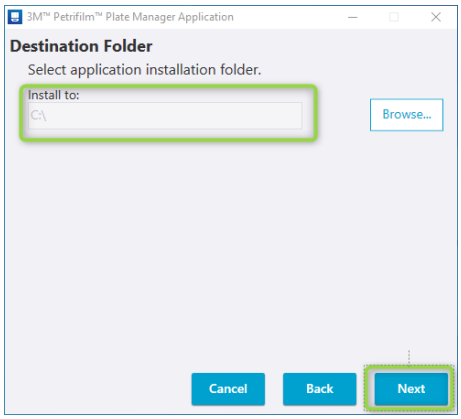
2. The Choose Installation Language window will appear. Select the prefered install language from the drop down menu and select “Next”.



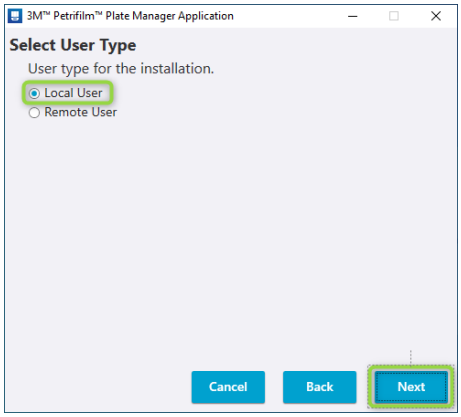
3. Read the licensee agreement and select “I accept the terms in the license agreement” if you want to proceed with the installation. Then select “Next”.

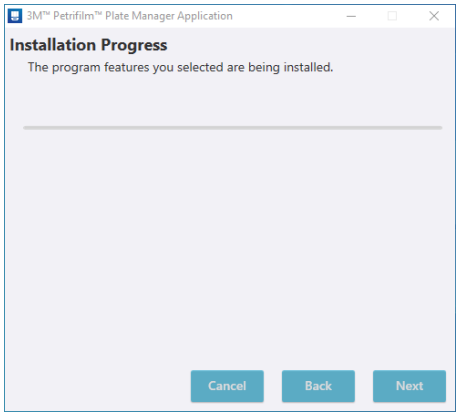


4. Select the path at which you would like to install the software. It is strongly recommended to install at the default location for best performance. To install at the default location, select “Next”.

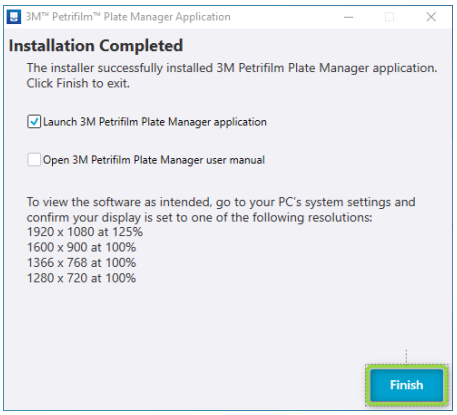


5. Select “Local User” if it is your intention to use the software with the 3M™ Petrifilm™ Plate Reader Advanced device. For remote installations please refer to the 3M™ Petrifilm™ Plate Manger User Manual for instructions. Select “Next” to proceed. An installation loading bar will appear; the time of the install will vary depending on the PC.





6. The installation is now complete and by default the checkbox “Launch 3M Petrifilm Plate Manager application” will be selected. Upon clicking “Finish” the application will launch.

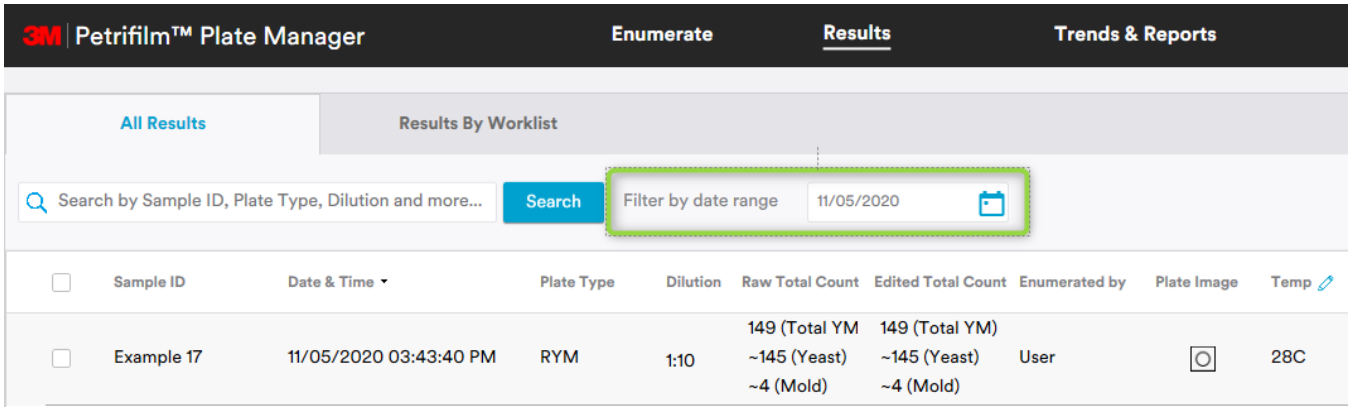


7. Once the 3M Petrifilm Plate Reader Advanced is connected to the PC, the device may restart, up to two times, in order to load the correct firmware.

3M™ Petrifilm™ Plate Manager 3.0.1 Software Updates

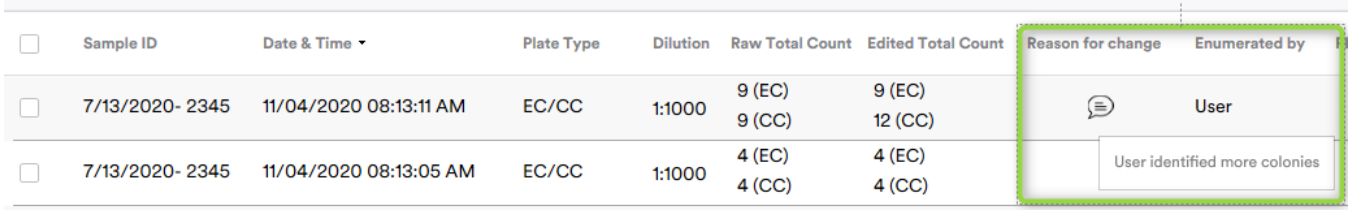
Filtering by date range

Users now have the ability to search for a single date instead of only a date range.



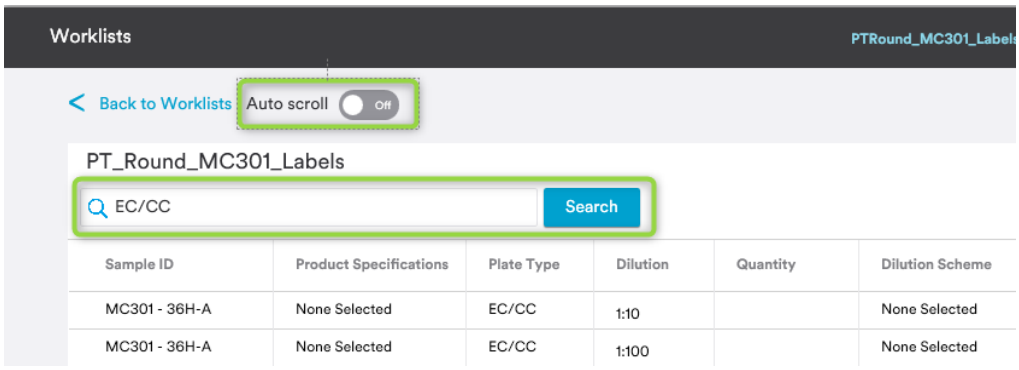
Reason for change

Reason for change is now listed as one of the column options in the results screen. The *Reason for change* will be shown as a message bubble in the results screen and the *Reason for change* can be seen by hovering over the text bubble. If the results are exported, the *Reason for change* will be exported as text.



Auto scroll and search on worklists

The auto scroll feature allows the worklist to keep the next plate at the top of the list. Additonally, a search bar has been added to worklists that allows users to search for different plates in their worklist.



Database backup

Users now have the ability to schedule automatic backups of the database to a location of their choosing. Users have the option to schedule the backs ups daily, every week or every month. Users can choose how many backups they want to retain (up to 10 backups). Once the number of backups exceeds the selection, the software will automatically delete the oldest backup form the file location.

Plate image backup

Users now have the ability to schedule automatic backups of the plate images to a location of their choosing. Users have the option to schedule the backs ups daily, every week or every month. Users can choose how long they want to retain the plate images (up to 60 months) and set the system to auto delete images older than their selection.

Archiving historical data

Users now have the ability to select a date so that all results older than the selected date will be removed from the existing database and placed into a new, separate data file. Users will be able to enter in to a “view archive data” mode where arcived data can be retrieved by selecting the corresponding file. Archived database files will be labeled with the date range of the data contained within the database.

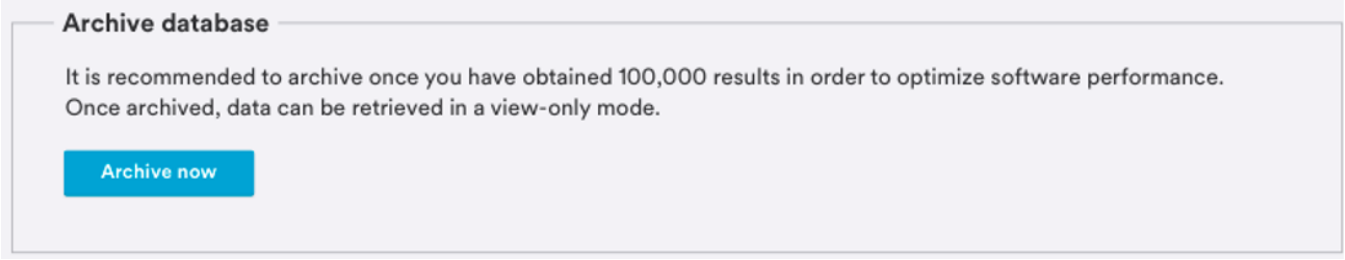
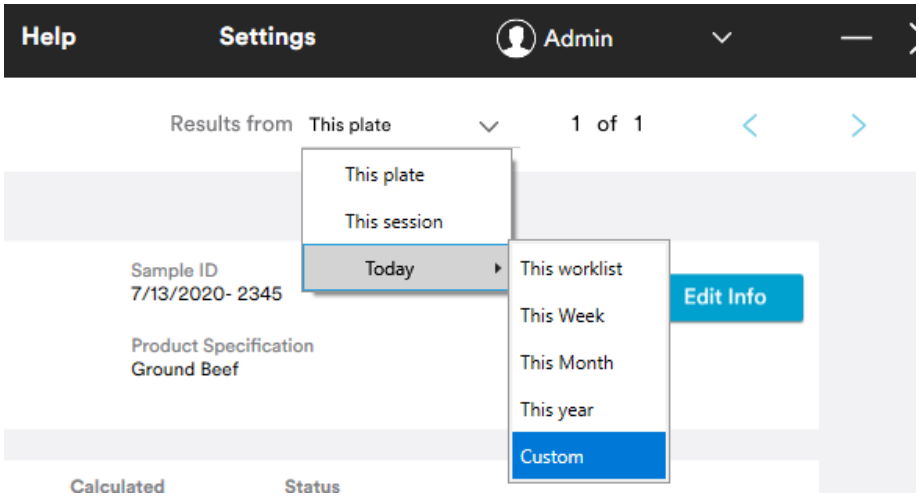
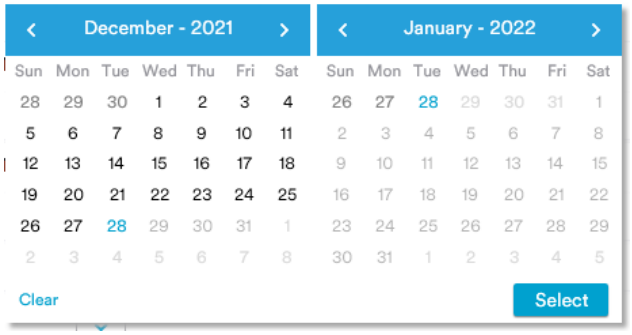


Plate image review options

Users now have more options to review historical images including: This worklist, This week, This month, This year or a Custom date range.

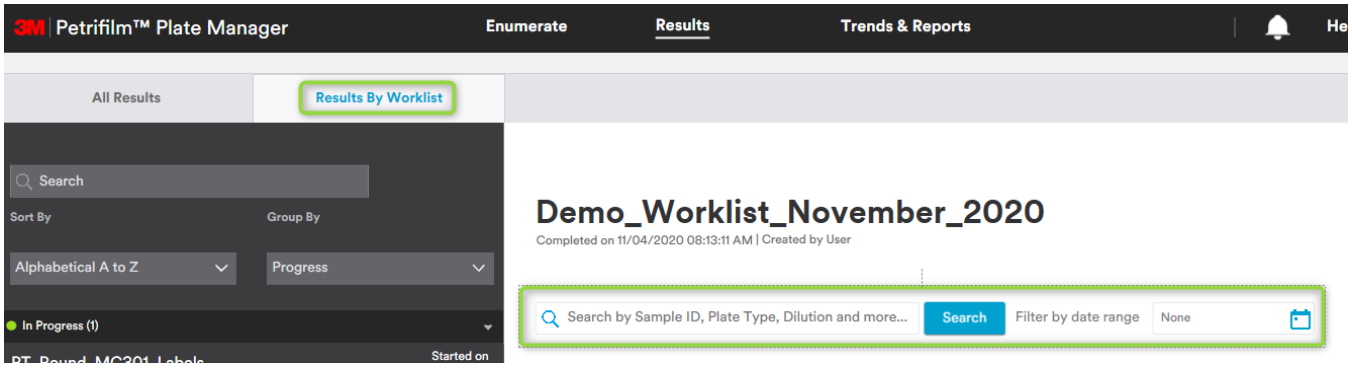


Once a time selection is made the software will display the total number of results that were captured in the specified time/date; this gives users the ability to toggle between images using the arrow keys in the top right of the screen.



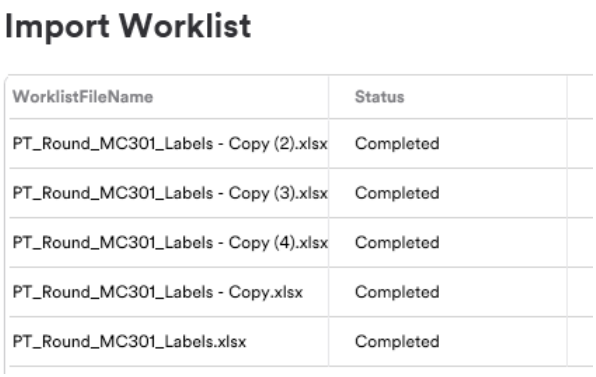
Search and filtering in results by worklist

Search and filtering options have been added to the “Results By Worklist” tab. Previously this was only available on the “All Results” tab.



Importing worklists

Users now have the ability to upload up to 20 worklist files at a given time in a batch process. When more than one worklist is being imported at the same time, the worklists will be imported with the worklist file name by default. Once the worklists has been imported, the worklist name can be edited.



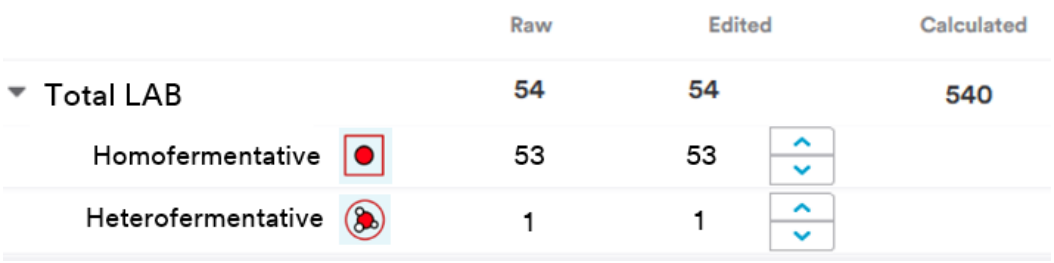
Custom dilution options

Additonal dilution options have been added so users can add dilutions that are smaller than a 1:1 (e.g. 5:1, 10:1, 20:1).

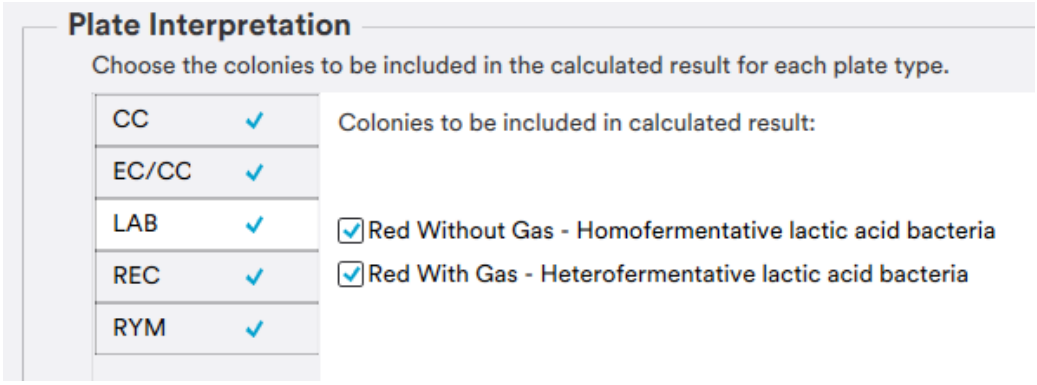
Plate Type	Dilution	Raw Total Count	Edited Total Count	Calculated Result
RAC	5:1	259	259	52
RAC	10:1	257	257	26
RAC	10:1	24	24	2
RAC	5:1	25	25	5
EC/CC	5:1	7 (EC) 7 (CC)	7 (EC) 7 (CC)	1 (EC) 1 (CC)
EC/CC	10:1	7 (EC) 7 (CC)	7 (EC) 7 (CC)	<1 (EC) <1 (CC)

3M™ Petrifilm™ Lactic Acid Bacteria Plate

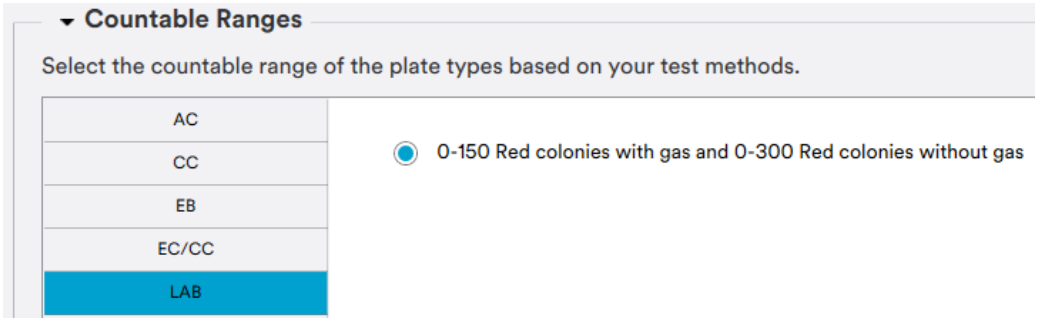
Homofermentative (red no gas) colonies will be dsiplayed as a red square.
Heteorfermentative (red with gas) colonies will be displayed as a red circle.



Users will have the option to include homofermentative or heteorfermentative or both colony types in the calculated count. If the homofermentative or heteorfermentative check box is de-selected, the colony type will be listed as “other colonies.”



The counting range for 3M Petrifilm Lactic Acid Bacteria Count Plate is lower than or equal to 150 red colonies with gas and/or lower than or equal to 300 red colonies without gas.



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