

MetaXpress® 6 FAQ

Changing the Fluidics Tip Adapter and Type



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Frequently **A**sked **Q**uestions Overview

The purpose of this FAQ guide is to help the user change between 96-format and 384-format pipette tips for the ImageXpress Micro with Fluidics (pipetting) chapter.





Fluidic Tip Types and Adapters

96-format tips

- 5-200 ml
- Tip Part 9000-0761 FLIPR Tetra Pipette tips, clear, non-sterile, 96-well 50 racks/case
- Replacement Adapter Part 2300-2460 ImageXpress Micro Fluidics Tip Adapter, 96-well





384-format tips

- 3-25 ml
- Tip Part 9000-0763 FLIPR Tetra Pipette tips, clear, non-sterile, 384-well 50 racks/case
- Replacement Adapter Part 2300-2280 ImageXpress Micro Fluidics Tip Adapter, 384-well









Changing Fluidics Tip Types: Summary

There are 5 basic steps for changing tip types in the ImageXpress Micro Fluidics option:

- 1. <u>Hardware</u>: change the tip adapter
- 2. <u>Hardware</u>: load the appropriate tips racks on the system
- 3. <u>Software</u>: select the correct tip adapter
- 4. <u>Software</u>: select the correct tip type
- 5. <u>Software</u>: reset the tips







Change Tip Adapter

- 1. Change the tip adapter
 - Locate tip adapter on the back of the instrument or in the IXM accessory kit
 - Open access door and remove previous tip adapter (untwist with fingers)
 - Screw the new tip adapter on <u>until finger-tight</u>
 - Store the previous tip adapter

NOTE Do not change while an experiment is running









Load Appropriate Tips

- 2. Load instrument deck with tip racks
 - Remove any existing tip racks
 - Insert new tip type rack [insert right side first, then push down on left side]
 - Remove tip rack lid







Select Tip Adapter in Software – Ask Mode

- 3. If Ask Mode is activated in **MetaXpress**, you will be asked to verify which tip adapter is installed when starting the software
 - Select the appropriate option for the installed tip adapter
 - Verify the current tip adapter selection in the Plate Acquisition Setup dialog (Configure > Fluidics > Configure Stations)



	Define Tips	
	Reset Tips	TipT
V 1	Track Volume	
1	Frack Liquid Surface	
	System Proprerties	
96 ti	p adapter installed	





Select Tip Adapter in Software – Not In Ask Mode

- 3. If Ask Mode is deactivated in MetaXpress, you will need to exit the software and change the setting in Meta Imaging Series Administrator
 - Open Meta Imaging Series Administrator
 - Identify the correct hardware setting and click on **Configure Hardware**
 - Highlight the correct hardware setting in the **Configure** Hardware dialog, then click **Configure Devices**

Meta Imaging Series Administra	ator: Single User Configuration		Configure Hardware	×
List of Groups Group Name 20X4X10X40X MetaXpress De	ardware Setting File Association	Select a Group and Press a Button to Customize: Assign Hardware Drop-ins/Toolbars Clear Settings	Hardware Settings: 20×4×10×40× Default	Configure Acquisition Configure Devices Rename Setting
Pressing Set File Association will set be launched when .stk and .tif image (marked by *)	the default group and the group to es are double-clicked in Explorer	Edit Defaults		Delete Setting Create New Setting
Enter Multi-User Mode Set Administrator Password	Configure Hardware Create Icons	Launch MDCStoreTools	Install System Devices	ОК



MetaXpress 6.0

MDO

IXM-XL 20x-4x-10x-40x

Documentation Files on Installation

Meta

Meta Imaging Series Administrator

😹 Meta Imaging Series Updater MX6 Analysis Only

Select Tip Adapter in Software – Not In Ask Mode

- 3. In Meta Imaging Series Administrator (cont.)
 - Highlight ImageXpress Micro Fluidics under the Claimed Devices section and click Settings
 - Select the appropriate option from the **Tip Adapter** drop-down menu
 - Click OK until you have exited Meta Imaging Series
 Administrator







NOTE By selecting **Ask** in the ImageXpress Micro Fluidics Settings dialog, you will activate Ask Mode for verifying tip adaptor selection every time MetaXpress is started.

Select Correct Tip Type in Software

- 4. Select the correct tip type in Plate Acquisition Setup
 - Sign back into MetaXpress if necessary
 - Open the Plate Acquisition Setup dialog
 - Configure > Fluidics > Configure Stations
 - Change the Tip Type from the drop-down menus







Reset Tips in Software

- 5. Reset the tips
 - Verify that tip rack(s) on system deck are full
 - In the Plate Acquisition Setup dialog, select the Fluidics tab, click on the Reset Tips button
 - Reset the appropriate tip track locations and click **Close**







Support Resources

- F1 / HELP within MetaXpress® Software
- Support and Knowledge Base: <u>http://mdc.custhelp.com/</u>
- User Forum: http://metamorph.moleculardevices.com/forum/
- Request Support: <u>http://mdc.custhelp.com/app/ask</u>
- Technical Support can also be reached by telephone:
 - 1 (800) 635-5577
 - Select options for Tech Support → Cellular Imaging Products → ImageXpress Instruments





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