INSTALLATION GUIDE

RephiSolo U Pack Ultra Purification Cartridge

RephiLe Catalogue Number:

M1001MTEX and **M1001MTIX**

Corresponding Millipore Part Number:

QTUM0TEX1 and **QTUM0TIX1**

Suitable Millipore Systems:

Milli-Q Advantage A10 system
Milli-Q Integral 3/5/10/15 system
Milli-Q Reference and Milli-Q Reference A+ system

This product is comparable to the corresponding Millipore cartridge. **Replacing cartridge adapters is required.** Follow instructions below to install the cartridge:

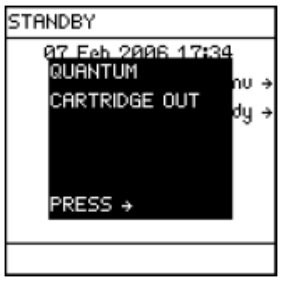
Note: Save the Original Cartridge Support Arms as ours are not compatible to Millipore cartridges

Per Millipore User Manual, the Cartridge needs to be rinsed out after installation.

1. Removing Cartridge

Follow the steps below to remove the used cartridge.

Step	Action	Result
1	Set the Milli-Q system to STANDBY Mode.	
2	● Push the Q-POD Plunger (or POD Plunger) down once to depressurize the Milli-Q System. ● After water flow stops. Push down the Q-POD Plunger (or POD Plunger) again.	

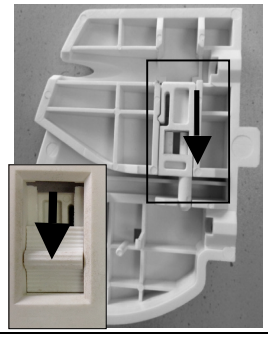
3	● Open the Milli-Q System right door. ● Remove the used cartridge.	
4	The system indicates that the cartridge is removed.	

2. Replacing Cartridge Adapters

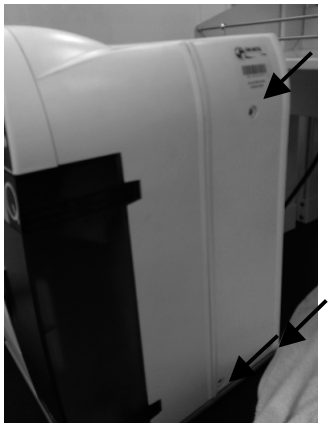
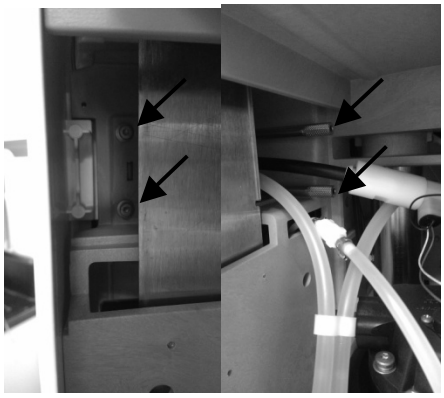
Note: Millipore has two types of cartridge adapters: those on systems made prior to mid 2008, and from mid-2008 till now. Refer to below two sections for Installation.

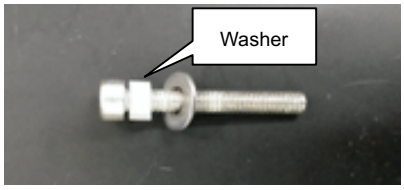
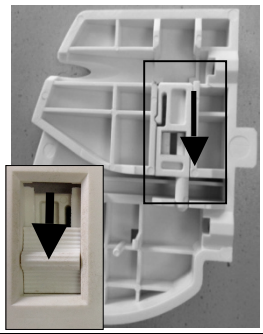
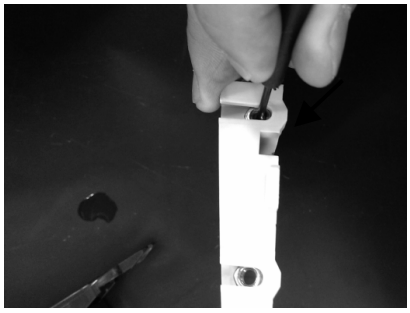
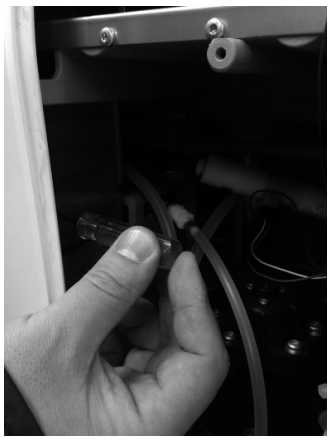
i): for systems made mid 2008-present

Step	Action	Result
1	There are two original cartridge adapters on the system for the cartridge. Each adapter is fixed by two screws. ● Screw off the four screws with the screw driver inside the cartridge pack	
2	● Remove the two original adapters	

3	● Take out the RephiLe adapters from the accessory bag ● Slide the locks (plungers) on both adapters down to the lower position	
4	● Install the two RephiLe adapters to Milli-Q system with the original screws to the original positions	

ii) For systems made prior to mid 2008

Step	Action	Result
1	Remove screws on the right side panel with a T10 screw driver	
2	Find the screws as indicated inside the system opposite to the adapters at the front for the single column cartridge. Twist counter clockwise to remove two screws with long metal stems Note: when removing screws, cartridge adapters and 4 small nuts will fall off the front. Save them for future use	

3	Remove two short screws with Allen wrench Save the screws and nuts	
4	Add a washer from the accessory bag to each screw	
5	● Take out the RephiLe adapters from the accessory bag ● Slide the locks (plungers) on both adapters down to the lower position	
6	Put one nut to each hole as indicated for each adapter.	
7	● Install the two RephiLe adapters to Milli-Q system with the original screws at original position. ● The short screw on the left and the long ones on the right	

3. Installing New Cartridge

Follow the steps below to install the new cartridge.

Step	Action	Result
1	● Remove the covers on the 2 ports of the new cartridge. ● Wet the O-rings with water.	
2	● Slide the locks on two adapters to the upper position (unlock position) ● Slide in the RephiSolo U Pack cartridge until it is fully seated	
3	● Push the two locks of adapters down to the lower position to lock the cartridge ● The display will show that a new cartridge is installed	
4	Press 	

5. Rinsing the Cartridge

Per Millipore manual, the new Ultra Purification Cartridge needs to be rinsed after it is installed.

Step	Action
1	Locate the clear tubing and barbed fitting from the Accessories Bag.
2	Remove the POD Pak, screw the barbed fitting onto the Q-POD Dispenser.
3	Push the clear tubing onto the barbed fitting. Place the other end in a sink.
4	Dispense water for about 10 minutes.
5	Perform an A10 Cleaning at this time. See Millipore's User Manual. Note: A10 Cleaning is not needed for Milli-Q Reference and Milli-Q Reference A+ systems. Perform a TOC Curve Check. See Millipore's User Manual Note: Only Milli-Q Reference A+ need to run a TOC Curve Check.
6	Leave the Milli-Q System in READY Mode for at least 6 hours or overnight.
7	Dispense water for about 10 minutes.
8	Remove the barbed fitting and clear tubing.
9	Install a POD Pak.
10	Leave the Milli-Q System in READY Mode.

The system is ready for use.

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