



Guidelines TO Restart your water purification system

In the current challenging time, many labs were shut down in a hurry. Water systems may have been stopped or left on stand-by for many weeks. Critically, these actions may have negatively impacted your water system's performance and water quality.

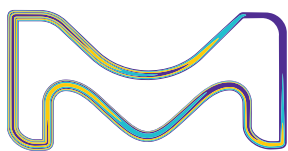
Your Lab Water Solutions team stands ready to support your lab to get rapidly back on track. This document provides guidance on how to successfully restart your water purification system to ensure its best performance.

Instructions

On the nextpage are the maintenance actions we recommend to successfully restart your water system.

First, begin by identifying your water system among those listed in the below 3 sections. Then follow the guidelines listed in the relevant section. For more details about how to perform each maintenance action, refer to your system's User Manual.

Should you need further service support, please call you Milli-Q® Lab Water Solutions Technical Support hotline.



MilliporeSigma is the U.S. and Canada Life Science business of Merck KGaA, Darmstadt, Germany

Guidelines

“Tap-to-Pure” water purification systems

(E.g. Milli-Q® CLX, Milli-Q® HX, Milli-Q® HR, Milli-Q® HX-SD, Elix®, RiOs™, AFS®, Large Elix®, Large RiOs™)

Maintenance Action	Impact
Flush the reverse osmosis membrane (RO Flush)	Sweeps away contaminants on the feedwater surface of the RO membrane
Clean the RO membrane with chlorine tablets (Cl ₂ cleaning)	Reduces biofilm formation on the surface of the RO membrane
Flush tank completely and refill it	Rinses the reservoir so that the EDI module works for several hours in a row
For high-flow systems: Run freshly produced water through the loop overnight and flush the tank completely the next day	Rinses the loop to flush out contaminants
Replace overdue consumables	If applicable, replace the pre-treatment pack, vent filter and loop filters



“Pure-to-UltraPure” water purification systems

(E.g. Milli-Q® IQ 7000, Milli-Q® Advantage, Milli-Q® Reference, Synergy®, Simplicity®)

Maintenance Action	Impact
Dispense 20 liters of ultrapure water	Rinses the loop with ultrapure water
Clean the A10® TOC monitor	Rinses and cleans the TOC monitor
Replace overdue consumables	If applicable, replace polishing packs and POD-Paks



“Tap-to-Pure-to-Ultrapur” water purification systems

(E.g. Milli-Q® IQ 7003/05/10/15, Milli-Q® Integral, Milli-Q® Direct, Direct-Q)

Perform all actions listed in the above two guidelines sections.



Other Support Options

Need to replace consumables?

Some of your consumables may be overdue or nearing expiration. You can order all of your cartridges and filters from Fisher Scientific.

Consumable Supply Agreements may also be available, which ensure on-time replacement of consumables for your water system with scheduled shipment plans. Contact your Lab Water Solutions representative to learn more.



Worried about the sanitary conditions in your tank and loop?

Over the past few weeks, months, or years, stagnant water in your tank and any associated distribution loop may have become contaminated with bacteria and biofilm. This could impact experimental results and critical analyses. Our Lab Water Solutions service team can professionally sanitize your storage tank and loop to ensure sanitary conditions are maintained*.

Concerned about the accuracy of your meters?

Milli-Q® Services offer Calibration and Verification Services for all system meters. Our field service engineers will verify and document the accuracy of your system's meters against externally calibrated reference meters.



Contact Us

Our team of highly trained service engineers are here to support. If you think you need one of the above service options or additional technical or scientific assistance, please contact our Technical Support Hotline toll-free at 1-888-645-5478

*Please note that this service is only available in the United States, Canada, United Kingdom, Ireland, France, Belgium, Luxembourg, Italy, Spain, Portugal, Germany, Austria, Denmark, Norway, Sweden and Finland.

Milli-Q®

Lab Water Solutions

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