



# A10<sup>®</sup> UV Lamp

Cat # ZFA10UVM1

Replacement procedure

## Introduction

### Where used

- A10 TOC Monitor Standalone
- Century Milli-Q<sup>®</sup> systems
- Elix<sup>®</sup> 20-100 systems
- Integral Platform systems

### In the shipping box

- 1 UV Lamp assembly with one UV lamp gasket and 2 spring clips
- 1 pair of gloves

### Tools needed

- Torx-10 screwdriver
- Torx-20 screwdriver (Century Milli-Q system)
- Flat head screwdriver

### In this insert

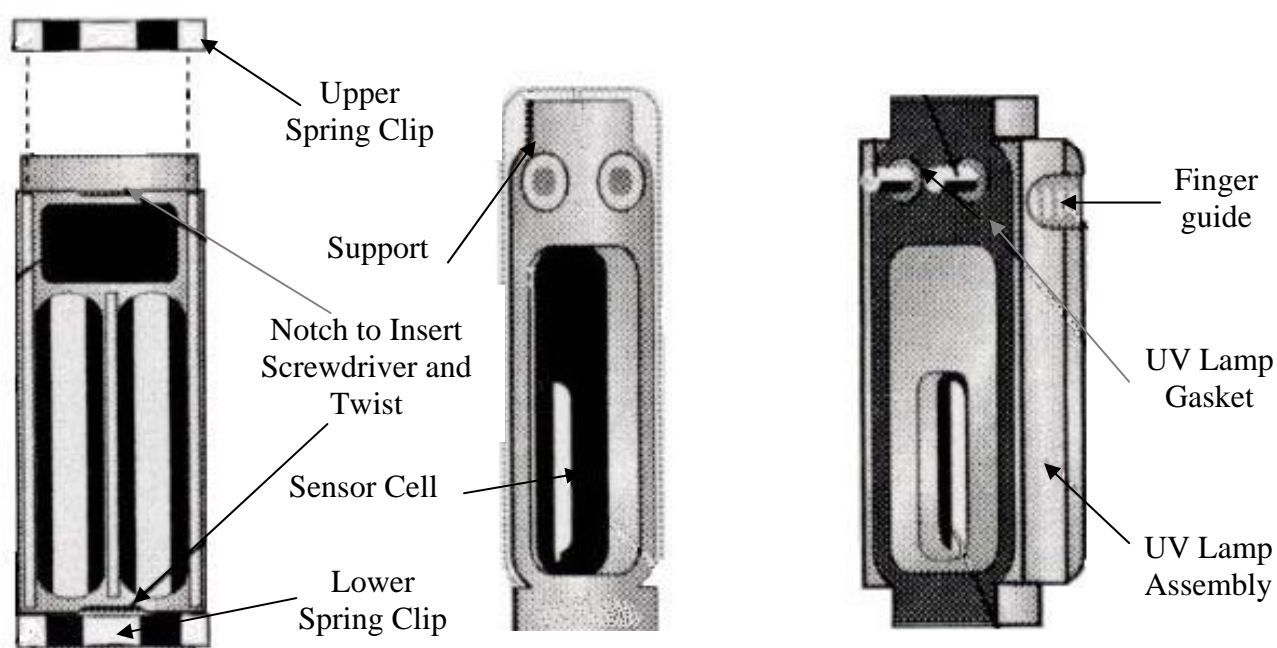
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## Removing and Replacing the UV Lamp

### Procedure

The procedure is identical for all systems listed above.

| Step | Action  |
|------|---|
| 1    | Hold the UV lamp assembly and cover the upper spring with one hand, insert the screwdriver blade into the notch immediately below the clip.   |
| 2    | Gently twist the screwdriver to release the upper spring clip and remove it.  |
| 3    | Remove the lower spring clip.   |
| 4    | Grasp the UV lamp assembly by the finger guides and pull it out of its support.   |
| 5    | Install the new UV lamp gasket on the UV lamp assembly.<br><br><div style="display: flex; align-items: center;"> <div style="color: red; font-size: 2em; margin-right: 10px;">△</div> <div> <b>Attention</b><br/>           Be careful not to touch the sensor cell inside the support.         </div> </div> |
| 6    | Insert the new UV lamp assembly into its support.   |
| 7    | Secure the UV lamp assembly in place using the two new spring clips.  |

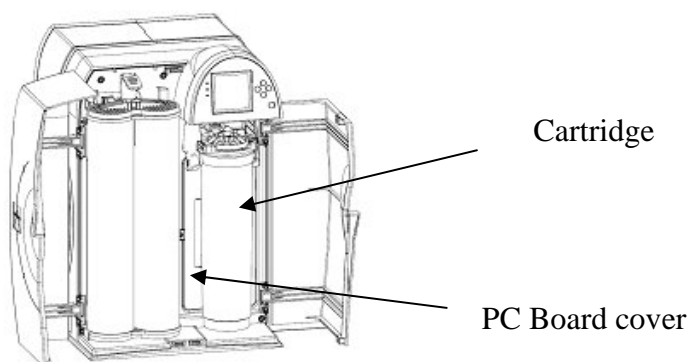


## Integral Platform Systems

### Replacing the UV Lamp Assembly

The procedure involves the replacement of the UV lamp assembly and then a reset of the software timer.

| Step | Action   |
|------|--|
| 1    | Place the system into STANDBY mode.  |
| 2    | Depressurise the water system by pushing the Q-POD <sup>®</sup> plunger down and releasing it. Do this again once water stops flowing out. |
| 3    | Unplug the power cord.   |
| 4    | Remove the Quantum cartridge.  |
| 5    | Remove the PC board cover.   |
| 6    | Locate the UV lamp assembly behind the cartridge.  |
| 7    | Remove and replace the UV lamp assembly using the procedure page 1 of 4.   |
| 8    | Put the PC board cover back on.  |
| 9    | Install the cartridge.   |
| 10   | Plug in the power cord.  |
| 11   | Place the system into the READY mode.  |
| 12   | Start an A10 Cleaning.   |








*Continued on next page*

# Integral Platform Systems, Continued

## Resetting the UV Lamp Timer

Follow the steps below to reset the UV Lamp timer.

| Step | Action   | Display  |
|------|--|--|
| 1    | Select the Maintenance menu.   |  <p>STANDBY MENU<br/>Maintenance →<br/>Sanitise/Clean →<br/>Suitability Tests →<br/>Language →<br/>Manager Menu →</p>   |
| 2    | Select the Install A10 UV Lamp menu. Press the right arrow.          |  <p>MAINTENANCE<br/>Install new RO →<br/>Install UV 254 Lamp →<br/>Install UV 185 Lamp →<br/>Install Quantum →<br/>Install A10 UV Lamp →<br/>Install Q-POD Pak 1 →<br/>Install Q-POD Pak 2 →</p>  |
| 3    | The location of the UV lamp assembly appears. Press the right arrow. |  <p>INSTALL A10 UV LAMP</p>  |
| 4    | Follow the LCD instructions.   |  <p>INSTALL A10 UV LAMP</p> <p>The Millipore trained service engineer confirms the A10 UV Lamp installation by pressing ✓. Press ← to exit.</p><br> <p>INSTALL A10 UV LAMP</p> <p>A10 UV Lamp installation is registered. Next maintenance in 365 days. Press ← to exit.</p> |

## Century Milli-Q System

### Replacing the UV Lamp Assembly

The procedure involves the replacement of the UV lamp assembly and then a reset of the software timer.

| Step | Action  |
|------|---|
| 1    | Place the Century Milli-Q system into STANDBY mode.                             |
| 2    | Open the Point Of Use Dispenser Trigger to release any residual water pressure. |
| 3    | Turn off the electrical power.  |
| 4    | Remove the cover.   |
| 5    | Locate the A10 TOC Monitor inside the Century Milli-Q system.                   |
| 6    | Remove and replace the UV lamp assembly using the procedure page 1 of 4.        |
| 7    | Plug in the power cord.   |
| 8    | Turn on the electrical power.   |

### Resetting the UV Lamp Timer

Follow the steps below to reset the UV Lamp timer.

| Step | Action  | Display   |
|------|---|---|
| 1    | Place the Century Milli-Q system into STANDBY mode.   | STANDBY   |
| 2    | Press the MEASURE, CLEANING and MENU keypad buttons at the same time for 1 second. If the display (SERVICE VALUES) does not appear, then turn off the electrical power. Turn on the electrical power and proceed again from STANDBY mode. | SERVICE VALUES<br>V. MOTOR: 0 V   |
| 3    | Press and release the MENU keypad button. If you press the MENU keypad button too long, then you go back to STANDBY mode. If this happens, repeat the steps above.  | SERVICE CONFIG<br>CARTR.: 180 DAYS  |
| 4    | Press the MENU keypad button three more times.  | SERVICE ADJUST.<br>SETPT. 15 MΩcm<br>SERVICE CALIB.<br>TEMP: 16.00 1.021<br>SERVICE RESET<br>UV A10 |

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## Century Milli-Q System, Continued

### Resetting the UV Lamp Timer (continued)

| Step | Action   | Display  |
|------|--|--|
| 5    | Press the OPERATE / STANDBY button once.   | <div>S E R V I C E   R E S E T<br/>U V   L A M P :</div>   |
| 6    | Press the MEASURE and CLEANING keypad buttons at the same exact time for about one second. The display shows 'OK'. | <div>S E R V I C E   R E S E T<br/>U V   A 1 0   O K</div> |
| 7    | Press and hold the MENU keypad button for 2 seconds. Go back to STANDBY mode.                                      |  |
| 8    | Leave the system in PRE OPERATE mode.  |  |

## Elix 20-100 System


### Changing the UV Lamp Assembly

The procedure involves the replacement of the UV lamp assembly and then a reset of a software timer.

| Step | Action  |
|------|---|
| 1    | Place the Large Elix system into STANDBY mode. <div> <div>STANDBY</div> <div> <div>SETUP ▶</div> <div>MAINTENANCE ▶</div> <div>PRODUCTION ▶</div> </div> </div> |
| 2    | Turn off the electrical power.  |
| 3    | Access the UV Lamp.   |
| 4    | Remove and replace the UV lamp assembly using the procedure page 1 of 4.  |
| 5    | Close the system.   |
| 6    | Turn on the electrical power.   |

### Resetting the UV Lamp Timer

Follow the steps below to reset the UV Lamp timer.

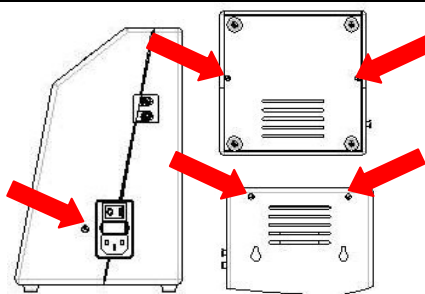
| Step | Action  | Display  |
|------|---|--|
| 1    | Go to the Field Service Software.   | <div> <div>SERVICE</div> <div> <div>RESET ▶</div> <div>CONFIG ▶</div> <div>ADJUST ▶</div> <div>→</div> </div> </div>   |
| 2    | Go to RESET.  | <div> <div>RESET</div> <div> <div>UV LAMP ▶</div> <div>ASM LAMP ▶</div> <div>TOC LAMP ▶</div> <div>X ▶</div> </div> </div>   |
| 3    | Press TOC LAMP for 2 to 3 seconds.<br><br>The display shows the message "TOC RESET OK". | <div> <div>RESET</div> <div> <div>UV LAMP ▶</div> <div>ASM LAMP ▶</div> <div>TOC LAMP ▶</div> <div>X ▶</div> </div> </div>  <div> <div>RESET</div> <div> <div>UV LAMP ▶</div> <div>ASM LAMP ▶</div> <div>TOC LAMP ▶</div> <div>[ TOC RESET OK ] X ▶</div> </div> </div> |

## A10 TOC Monitor Standalone

### Changing the UV Lamp Assembly

The procedure involves the replacement of the UV lamp assembly and then a reset of the software timer.

| Step | Action   |
|------|--|
| 1    | Place the A10 TOC Monitor Standalone into STANDBY mode.                  |
| 2    | Turn off the electrical power.   |
| 3    | Remove the screws of the cover (side, back, bottom).                     |
| 4    | Slide off the cover.   |
| 5    | Remove and replace the UV lamp assembly using the procedure page 1 of 4. |
| 6    | Install the cover and its screws.  |
| 7    | Plug in the power cord.  |



### Resetting the UV Lamp Timer

| Step | Action   |
|------|--|
| 1    | Press the green button while turning on the A10 TOC Monitor Standalone.  |
| 2    | Press the green button for more than 3 seconds to reset the UV Lamp timer. "Analysis" appears briefly when the button is first pressed. "Lamp hours reset" appears to confirm that the UV lamp timer is reset. |
| 3    | Release the green button. The A10 TOC Monitor Standalone returns to the self-cleaning operation.   |
| 4    | Verify lamp operation through the lamp window. Allow it to run in Clean mode for 1 minute.   |
| 5    | Press the green button again to return to the Automatic Analysis Mode.   |

L a m p   h o u r s   r e s e t