

## INT E-POD<sup>®</sup> Unit

Cat # ZRXSP0D01

Installation procedure kit

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### Introduction

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**Where used**            Milli-Q<sup>®</sup> Integral 3-5-10-15 system.

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**In the shipping box**

- 1 E-POD Unit
- 1 RC-Link (sheath containing 2 pieces of tubing and a PS/2 cable)
- 1 Termination plug
- 2 pieces of tubing (560 and 510 mm lengths)
- 1 coupling straight fitting and 3 elbow guides
- 1 Allen wrench (5 mm)
- E-POD / Q-POD stickers

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**Other things needed**

- 1 torx 10 screwdriver
- Tubing cutter / Cutting pliers

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## System preparation

### E-POD Unit assembling

- If you are installing a Q-POD and an E-POD Units at the same time, connect the Q-POD Unit first and then the E-POD Unit.
- See the User Manual for more information on assembling a Point of Delivery (POD).

### Power OFF the Milli-Q system

Follow the procedure below to power off the Milli-Q system.

Step	Action
1	Place the Milli-Q system in Standby Mode.
2	Depressurize the Milli-Q system by pushing the Q-POD Plunger (on the Q-POD 1) all the way down and releasing it.
3	Wait until no more water flows out from the Q-POD Unit.
4	Push the Q-POD Plunger all the way down and release it.
5	Power off the Milli-Q system by disconnecting the power cord.
6	Remove the left and right side covers.

### Internal tubing connection to the inlet manifold

Follow the steps below to connect the tubing inside the system. A diagram summarizing the internal tubing connection is available on the next page.

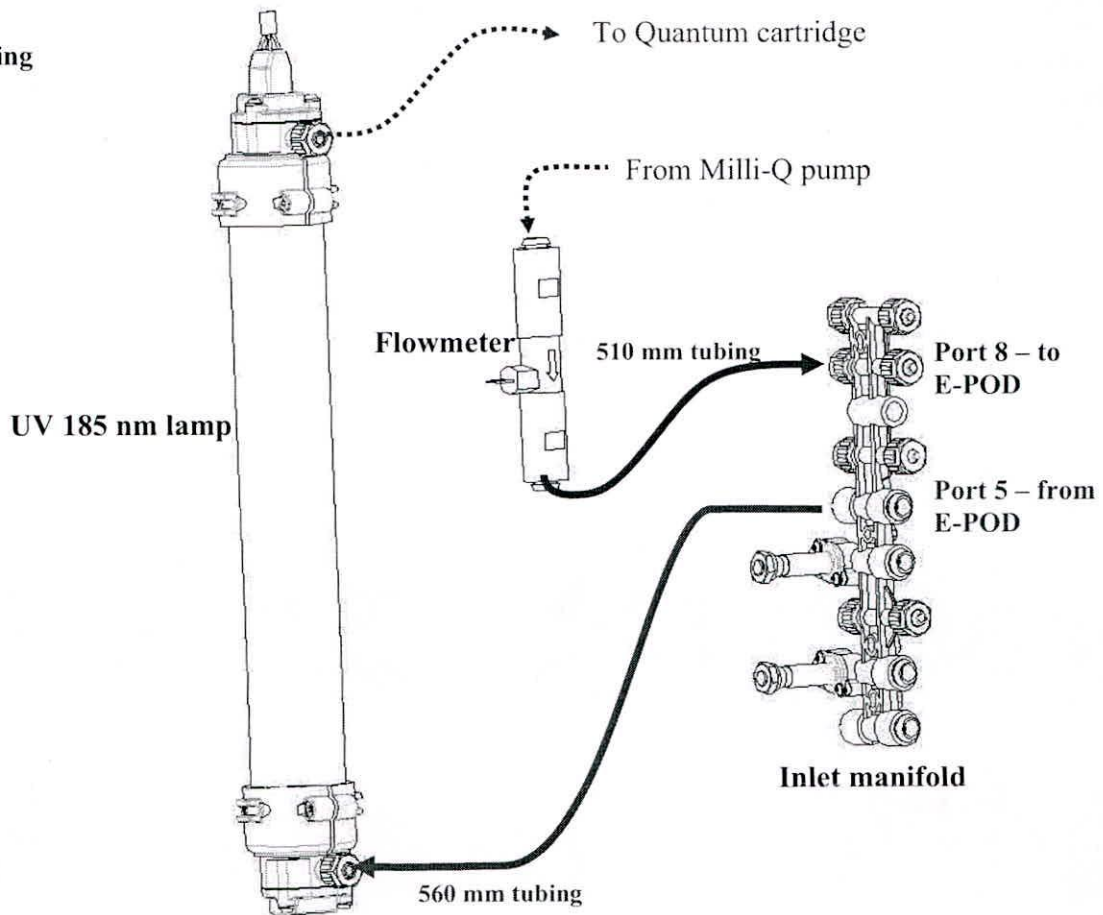
*UV 185 nm lamp - use the 560 mm length of 8 mm tubing*

Step	Action
1	Locate the UV 185 lamp on the left side of the Milli-Q system.
2	<ul style="list-style-type: none"> <li>• Cut the tie wraps holding the UV housing.</li> <li>• Remove the UV lamp housing by unscrewing the two top screws.</li> <li>• Disconnect the UV lamp cable.</li> </ul>
3	<ul style="list-style-type: none"> <li>• Remove the tubing connected between the flowmeter and the bottom connection of UV 185 nm housing.</li> <li>• Keep the protective sleeve (tygon tubing).</li> <li>• Use a container to collect water as it may spill out of the UV Lamp housing.</li> </ul>
4	Connect a length of tubing (560 mm) between the bottom port of the UV housing and the inside of Port 5 of the system's manifold.

*Continued on next page*

## System preparation, Continued

Diagram of internal tubing connection



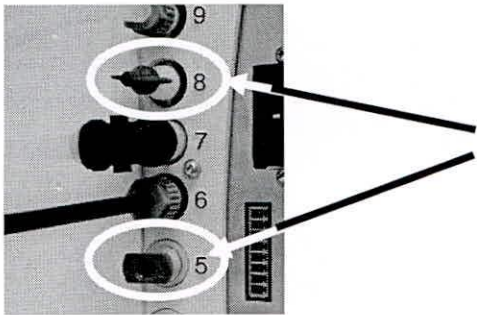
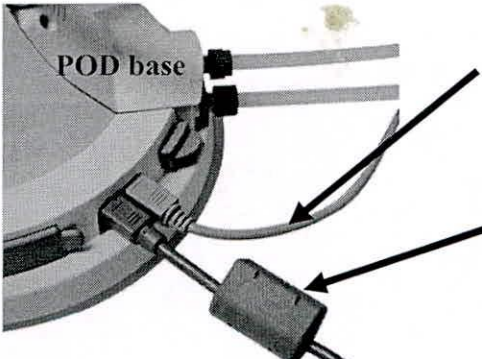
*Flow meter - use the 510 mm length of 8 mm tubing*

Step	Action
1	Locate the flow meter on the right side of the cabinet.
2	<ul style="list-style-type: none"> <li>• Insert the length of tubing (510 mm) in the protective sleeve (tygon tubing) previously collected.</li> <li>• Connect this tubing between the flow meter and the inside of port 8 of the system's manifold.</li> <li>• Use one of the Tefen collars supplied with the RC-Link that was shipped with the E-POD Unit.</li> </ul>
3	Use the tubing guide to avoid kinking the tubing.

## E-POD Unit connection

**Procedure**

Follow the steps below to install an E-POD Unit. The E-POD PS/2 cable must be removed from its RC-Link sheath.

Stage	Description										
1	<p>Follow the steps below to connect the tubing of the E-POD RC-Link to the Milli-Q cabinet.</p> <table border="1" data-bbox="534 551 1380 745"> <thead> <tr> <th data-bbox="534 551 635 584">Step</th> <th data-bbox="635 551 1380 584">Action</th> </tr> </thead> <tbody> <tr> <td data-bbox="534 584 635 658">1</td> <td data-bbox="635 584 1380 658">Connect one of the RC-Link tubing to port 5 located on the side of the system.</td> </tr> <tr> <td data-bbox="534 658 635 696">2</td> <td data-bbox="635 658 1380 696">Connect the other tubing to port 8.</td> </tr> <tr> <td data-bbox="534 696 635 745">3</td> <td data-bbox="635 696 1380 745">Connect the other end of the RC-Link to the E-POD.</td> </tr> </tbody> </table>  <p data-bbox="1034 869 1252 974">E-POD tubing connection to the Milli-Q cabinet</p>	Step	Action	1	Connect one of the RC-Link tubing to port 5 located on the side of the system.	2	Connect the other tubing to port 8.	3	Connect the other end of the RC-Link to the E-POD.		
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	<p>Follow the steps below to connect the PS/2 cable between E-POD and Q-POD Units.</p> <table border="1" data-bbox="534 1234 1380 1458"> <thead> <tr> <th data-bbox="534 1234 635 1267">Step</th> <th data-bbox="635 1234 1380 1267">Action</th> </tr> </thead> <tbody> <tr> <td data-bbox="534 1267 635 1305">1</td> <td data-bbox="635 1267 1380 1305">Remove the termination plug on the Q-POD base.</td> </tr> <tr> <td data-bbox="534 1305 635 1344">2</td> <td data-bbox="635 1305 1380 1344">Connect one end of the E-POD PS/2 cable.</td> </tr> <tr> <td data-bbox="534 1344 635 1417">3</td> <td data-bbox="635 1344 1380 1417">Connect the other end of the PS/2 cable to the E-POD base.</td> </tr> <tr> <td data-bbox="534 1417 635 1458">4</td> <td data-bbox="635 1417 1380 1458">Connect the termination plug to the E-POD base.</td> </tr> </tbody> </table>  <p data-bbox="1021 1534 1316 1601">PS/2 cable connected to the system's cabinet</p> <p data-bbox="1021 1691 1316 1758">PS/2 cable connected to the E-POD</p>	Step	Action	1	Remove the termination plug on the Q-POD base.	2	Connect one end of the E-POD PS/2 cable.	3	Connect the other end of the PS/2 cable to the E-POD base.	4	Connect the termination plug to the E-POD base.
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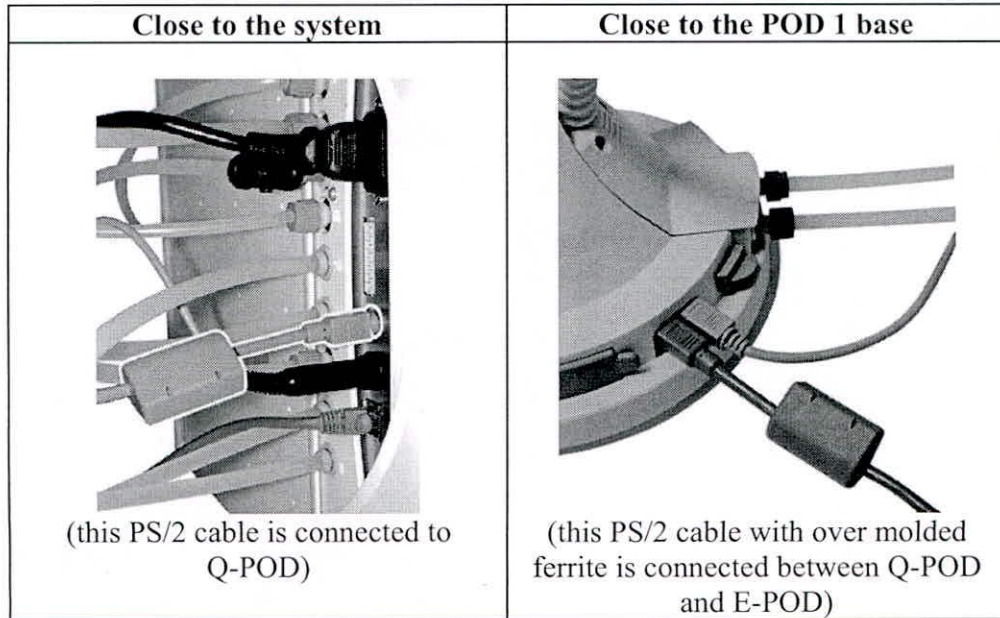
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## E-POD Unit connection, Continued









Over molded ferrite location

The position of the ferrite is shown below.



**Reset all PODs!** Follow the steps below to reset the PODs, if required.

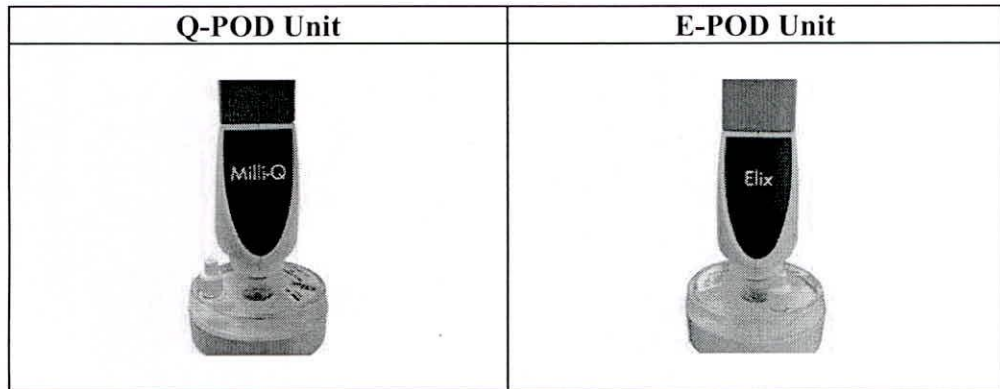


Step	Action						
1	Check that the Q-POD Unit displays "Pod 1" when the system is powered on.						
2	Check that the E-POD Unit displays "Pod E2" (or "Pod E3" depending on the number of Q-POD Unit installed). If not, proceed to the next step.						
3	<p data-bbox="518 1422 1380 1496">Press and release  and  on the keypad at the same time to reset the E-POD Unit.</p> <table border="1" data-bbox="518 1534 1380 1758"> <thead> <tr> <th data-bbox="518 1534 917 1570">If...</th> <th data-bbox="917 1534 1380 1570">Then...</th> </tr> </thead> <tbody> <tr> <td data-bbox="518 1570 917 1653">"Pod E2" is not displayed on E-POD Display</td> <td data-bbox="917 1570 1380 1653">Reset the E-POD Unit by pressing  and .</td> </tr> <tr> <td data-bbox="518 1653 917 1758">E-POD 2 Dispenser is stuck on "Pod E2"</td> <td data-bbox="917 1653 1380 1758">Restart the system by unplugging and plugging back the power cord.</td> </tr> </tbody> </table>	If...	Then...	"Pod E2" is not displayed on E-POD Display	Reset the E-POD Unit by pressing  and  .	E-POD 2 Dispenser is stuck on "Pod E2"	Restart the system by unplugging and plugging back the power cord.
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## Other information

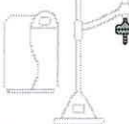
### Sticker position for POD identification

Attach the appropriate sticker to a POD in order to allow an easy way to identify the POD later on.



### Register POD Pack

Register any POD Pack installed on the E-POD Unit, if required.

<p>STANDBY</p> <p>24 Oct 2007 11:33</p> <p>Messy →</p> <p>Ready →</p>	<p>MAINTENANCE</p> <p>Install UV 185 Lamp →</p> <p>Install Quantun →</p> <p>Install A10 UV Lamp →</p> <p>Install Q-POD Pak 1 →</p> <p>Install Q-POD Pak 2 →</p> <p>Install E-POD Pak 3 →</p> <p>Install ASM UV →</p>	<p>INSTALL POD PAK 3</p> 	<p>INSTALL POD PAK 3</p> <p>Select the POD Pak that you wish to install at E-POD N°3. Press → to continue or ← to exit.</p>
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