

SMT PACK LT REPLACEMENT

Catalogue Number
SPROLSIA1
SPROLS001

WHERE USED : Direct-Q 3 (UV), RiOs 3

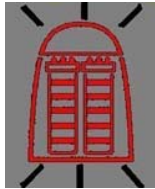
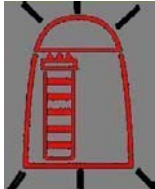

INTRODUCTION : This insert explains the replacement of the Pack for low feed temperatures: SmartPak DQ3 LT (Direct-Q) and SmartPak RO LT (RiOs)



ATTENTION

The Pack LT is recommended for use with tap water feed between 5 and 15°C.

WHEN TO REPLACE THE PACK

<p>1</p>	<p>When the Pack Alarm icon is blinking.</p>	<p>Direct-Q systems:</p> 	<p>RiOs systems:</p> 
<p>2</p>	<p>When the system resistivity display is blinking.</p> <p>The Product resistivity is below the Resistivity Setpoint set in menu option CO2. The system may have been in STANDBY mode for a while.</p> <p><i>(Direct-Q systems only)</i> Start a manual recirculation to recirculate the water in the system. If the Pack Alarm icon is still displayed, then replace the Pack.</p>	<p>Direct-Q systems only</p> 	
<p>3</p>	<p>After a system or tank sanitization.</p>	<p>Direct-Q and RiOs systems</p>	

HOW TO REPLACE THE PACK



ATTENTION

Open the Tank Outlet Valve before replacing and installing a new pack. This keeps the tank from filling until the Pack is rinsed out.



HAZARD

***(UV systems only)* Do not touch the UV Lamp when replacing the Pack.**

REMOVING THE OLD PACK

1. Open the front cover to go into STANDBY mode. Wait for the system to depressurize. The Display will show STANDBY blinking for 10 seconds.
2. Remove the Final Filter (*Direct-Q systems only*).
3. Press your thumbs on the system (**see Photo A**).
4. Swing the Pack towards you (**B**).
5. Remove the Pack from the system (**C**).



NOTE: The SmartPak RO LT (in RiOs systems) has one tube only.

INSTALLING THE NEW PACK

6. Remove the new Pack from its shipping box.
7. Remove the protective caps on the ports of the Pack.
8. Locate the O-rings on the ports. Wet them with water. It is preferable to wet them with ultrapure water.
9. Install the Pack until it is fully seated into the system ports as shown (**D, E and F**).
10. Close the front cover.

NOTE: The Tank Outlet Valve should be left open.



FLUSH MODE



The Tank Outlet Valve should be left open during FLUSH mode.

11. The system will now go into FLUSH mode for 15 minutes. This is done to empty the Pack of air and to hydrate the material inside.



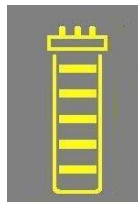
FLUSH mode

12. When FLUSH mode is finished, the system will go into FILLING TANK mode automatically.

Direct-Q systems



RiOs systems



FILLING TANK mode

RINSING THE PACK

13. Let FILLING TANK mode run for 15 minutes with the Tank Outlet Valve open. This will completely rinse the purification media inside the Pack.

14. Close the Tank Outlet Valve. The tank will start to fill up with water. It could take approximately 1.5 to 2 hours to fill the tank. When it is full, the Display will show the Tank Level filled to the 100% level.



(Direct-Q systems only) When a new Pack has been installed, the red pack alarm may be blinking prematurely. This is normal. The alarm message should disappear once the air purge of the Pack has been completed.

PURGING AIR FROM THE SYSTEM (DIRECT-Q SYSTEMS ONLY)

15. Air trapped in the Pack should now be purged from the system. Locate and install the Barbed Fitting and the Tygon Tubing from the Accessories Bag.
16. Press the Dispensing Button once to put the system into DISPENSING mode.
17. Dispense about 3-4 Litres of water.



HYDRATING THE SYSTEM (DIRECT-Q SYSTEMS ONLY)

18. At this time, the Final Filter is not installed. Leave the system overnight or for several hours in FILLING TANK mode or PRE OPERATE mode. The system will regularly recirculate water and rinse off purification media inside the Pack. Do not leave the system in STANDBY mode.
 19. (The next morning) Press the Dispensing Button once to put the system into DISPENSING mode.
 20. Allow about 1 Litre of water to be dispensed from the system.
 21. Press the Dispensing Button once again. The system will finish dispensing water.
 22. Remove the Tygon Tubing and the Barbed Fitting from the POU Dispenser.
- The Final Filter now needs to be installed. *Refer to the User Manual.*