



Operating Instructions

863 Valley View Road, Eighty Four, PA 15330
724-941-9701 • skcinc.com

Li-Ion Battery Pack for AirChek® XR5000 Sample Pumps



To retain display data, ensure pump is placed in Hold before disconnecting the battery pack. Display data will not be retained if battery is removed while pump is running.



Pumps containing Li-Ion batteries may be subject to special shipping regulations. See pump operating instructions for details.

Removing Existing Battery Pack

1. Release the battery pack by removing the two screws on the bottom of the battery pack housing.



2. Pull battery pack housing away from pump case.



Installing the New Battery Pack



Completely charge Li-Ion battery pack before operating the pump (see pump operating instructions). It may be necessary to charge the battery a few times before maximum battery capacity is achieved.



Intrinsic safety circuitry inside the battery causes the pump to self-discharge during storage. Charge Li-Ion pump battery completely before flow rate verification and sampling to achieve optimum pump operation.

3. Align the pump case with the battery pack. The etched SKC logo should be on the same side as the LCD and keypad. Press the two parts together until snug. The pump will power up and the LCD will display the last mode used (typically Hold) and possibly accumulated run time from the last sample run.

4. Replace 2 screws on the bottom of the battery pack housing and use a Phillips head screwdriver to tighten screws in an alternating fashion.



5. Charge the new battery pack completely before use.



If the pump does not operate as expected after replacing the battery pack, see Resetting Pump to Manufacturer Settings.

Resetting Pump to Manufacturer Settings

If the pump does not operate as expected, perform the following procedure:

1. Remove the battery pack (see Removing Existing Battery Pack).
2. On the pump keypad, press and hold * and ▼ simultaneously while attaching the pump to the new battery pack. The LCD should display the software version number (525X).



Do not release hold on the two keys until the pump is firmly attached to the battery pack.

3. Release * and ▼.
4. Press * 2 times. The LCD should read 0. If it does not, repeat Steps 1 through 4 until successful.
5. Replace 2 screws on the bottom of the battery pack housing and use a Phillips head screwdriver to tighten screws in an alternating fashion.



Cautions:

- For safe operation in hazardous locations, ensure the pump label contains the  logo and the battery pack label contains Cat. No. P85004/P85004A/P85004B or P85002/P85002A/P85002B. Use of any other battery pack or device to power the pump voids the UL Listing for intrinsic safety.
- Do not charge or operate pump from charger in hazardous locations.
- Use only the charger and battery packs designed for the AirChek XR5000 pump to ensure reliable performance. Failure to do so voids any warranty.
- Use only the SKC-approved charger for this pump. Use of an unapproved charger may damage the battery and pump.
- Tampering with the battery pack or using a repaired or rebuilt battery pack voids any warranty and the UL Listing for intrinsic safety.
- Do not open, disassemble, short circuit, crush, incinerate, or expose the battery to fire or temperatures in excess of 213 F (100 C).
- Failure to follow warnings and cautions voids any warranty.

SKC Limited Warranty and Return Policy

SKC products are subject to the SKC Limited Warranty and Return Policy, which provides SKC's sole liability and the buyer's exclusive remedy. To view the complete SKC Limited Warranty and Return Policy, go to skcinc.com/warranty.