




## AirChek Essential and AirChek Essential+ Sample Pumps Installation/Operation Caution Guide

### Markings



SKC AirChek ESSENTIAL or AirChek ESSENTIAL+  
Model 220-3000 or Model 220-3100, SN YY9999  
Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III, T4;  
Class I, Zone 0, AExia IIC T4 Ga; Exia IIC T4 Ga;  $-20^{\circ}\text{C} \leq T_a \leq 45^{\circ}\text{C}$   
 II 1G Exia IIC T4 Ga  
CE 0539 UK 0843

### Warnings and Cautions

- Failure to follow warnings, notes, and cautions may cause injuries and voids any warranty.
- **WARNING:** Substitution of components may impair intrinsic safety.  
**AVERTISSEMENT:** La substitution de composants peut compromettre la Sécurité Intrinsèque.
- **WARNING:** To prevent ignition of a hazardous atmosphere, batteries must only be changed [removed and replaced] in an area known to be non-hazardous. **AVERTISSEMENT:** Afin de prévenir l'inflammation d'atmosphères dangereuses, ne changer les batteries que dans des emplacements désignés non dangereux.
- **WARNING:** Use only SKC charging cradle Cat. No. 220-800 or 220-900.
- **WARNING:** Charge input voltage is  $U_m = 12\text{ V}$ .
- **CAUTION:** The battery used in this device may present a risk of fire or explosion when heated above 212 F (100 C) or incinerated. Replace battery with SKC Battery Pack model P75718 only. Use of another battery may present a risk of fire or explosion.

- **CAUTION:** Risk of Fire and Burns. Do Not Disassemble, heat above 212 F (100 C), or incinerate. Keep battery out of reach of children and in original package until ready to use. Dispose of used batteries promptly according to [all state and] local recycling or waste regulations.
- User may replace external components such as the inlet filter, battery, protective screen cover, and/or belt clip. Service must be done by SKC to maintain performance and IS rating. Warranty is void if pumping compartment is opened by user.

### Battery Replacement



**Ensure that no tubing or media is connected to the pump while replacing the battery.**



**When the battery pack is attached to the pump case, the pump screen will display a 20-second countdown as the zero setting of the flow sensor is performed.**

1. Turn pump off using power on/off button.
2. Use 2.5-mm hex drive to loosen the two screws on the bottom of the battery pack.
3. Pull battery pack away from the pump case.
4. To install the new battery pack, align it with the bottom of the pump case and press the two parts together until snug. Tighten the two battery screws.