



## Operating Instructions

863 Valley View Road, Eighty Four, PA 15330  
Tel: 724-941-9701 • www.skinc.com

### Constant Pressure Controller Cat. No. 224-26-CPC

The Low Flow constant pressure controller (CPC) is an accessory for the SKC AirChek® Series and AirLite sampling pumps that maintains flow stability during low flow sampling for two or more sample tubes. In conjunction with an adjustable low flow holder (Cat. No. 224-26-02, 224-26-03, or 224-26-04), the CPC is used as a pressure regulator to maintain a constant 25 inches water back pressure across the needle valve(s) in the adjustable low flow holder. The CPC inlet is labeled with "To Sample" for ease of orientation.

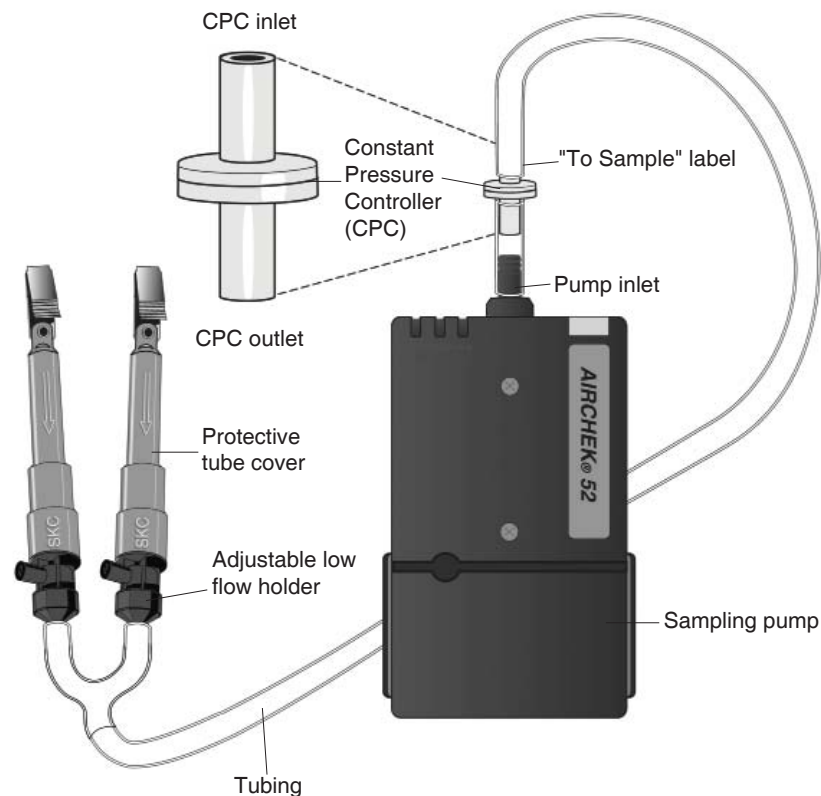
#### Operation

1. Set the pump to the appropriate flow rate (*see pump operating instructions*).
2. Use the short length of Tygon® tubing supplied on the CPC outlet to connect it to the pump inlet.
3. Connect the CPC inlet (side with label) to the adjustable low flow holder. Insert selected sample tubes and adjust flow (*see operating instructions for adjustable low flow holder*).

**Note:** The CPC has 2 small inlet ports on the bottom of the unit. These ports should be inspected periodically for blockage, which can occur when sampling in dusty environments. Blocked ports can cause back pressure to increase. If needed, clean ports with a small pick and blow particles away with a puff of air.

For additional information, see Sample Setup Guides at [www.skinc.com](http://www.skinc.com) or contact SKC Technical Support at [skctech@skinc.com](mailto:skctech@skinc.com).

For **single-tube** low flow sampling with AirChek Series and AirLite sampling pumps, see the All-in-One Adjustable Tube Holder with built-in CPC (Cat. No. 224-27).



#### SKC Limited Warranty and Return Policy

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