



**Operating Instructions**  
**Grab Air Sample Pump**  
**Cat. No. 222-2301**

**SKC Inc.**  
**863 Valley View Road**  
**Eighty Four, PA 15330**

*Form 40098 Rev 1901*

## Description

The SKC Grab Air Sample Pump is an economical choice for grab-and-go bag sampling. Grab Air operates at a fixed flow rate of 1 L/min for up to 1000 liters volume on one 9-volt battery. Simply attach a sample bag to the outlet port and turn on the pump. Simple, quick, economical – Grab Air.



*Grab Air Sample Pump, Cat. No. 222-2301*

## Performance Profile

Flow Rate .....	Fixed 1 L/min
Operation Time .....	Approx. 1000 liters volume per battery dependent on battery quality
Battery.....	Disposable 9-volt alkaline
Pumping Action.....	Diaphragm
Case .....	Sturdy, lightweight plastic
Intrinsic Safety .....	Not intended for use in hazardous locations
Dimensions .....	4.25 x 2.5 x 1.1 inches (10.8 x 6.3 x 2.7 cm)
Weight .....	6.6 oz (186 grams)



***Protect sample pump from weather when in use outdoors.***



***Failure to follow warnings and cautions voids any warranty.***

## Operation

1. Check battery. If the low battery LED on the pump is lit, insert a fresh 9-volt alkaline battery.
  - a. Remove four case screws and remove the pump faceplate.
  - b. Remove the old battery, insert the new battery, replace the faceplate, and secure with case screws.
2. Attach PTFE tubing to the exhaust fitting on the top of the pump. Attach the free end of the tubing to the inlet valve on the sample bag. *See bag operating instructions for details on operation of bag fitting(s).*



***Allow pump to equilibrate after moving it from one temperature extreme to another.***



*Grab Air bag sampling train*



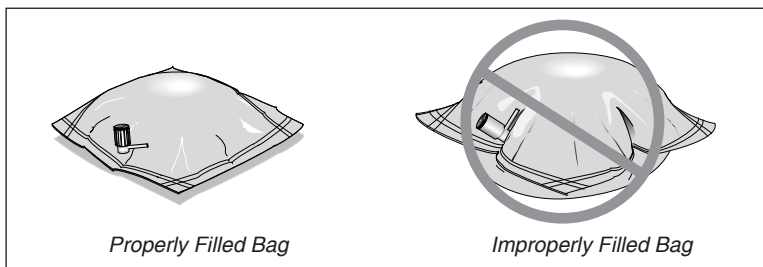
***Protect sample pump from weather when in use outdoors.***

3. Slide the pump's On/Off switch to On.



***Do not operate pump in hazardous locations.***

4. Sample until the bag is filled properly.



5. Slide the pump's On/Off switch to Off.
6. Disconnect the tubing by pulling it **straight up and off** the pump inlet, close the bag inlet valve, identify the sample, and send to a laboratory for analysis.



***The pump should be purged after bag sampling. To purge the pump, run it for several minutes in a clean air environment. If the contaminant is hazardous, take all necessary safety precautions.***



***To avoid breaking the pump inlet fitting, pull tubing straight up and off the pump inlet. Do not remove tubing from inlet at an angle.***



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## **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 <http://www.skcinc.com/warranty>.

