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

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

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

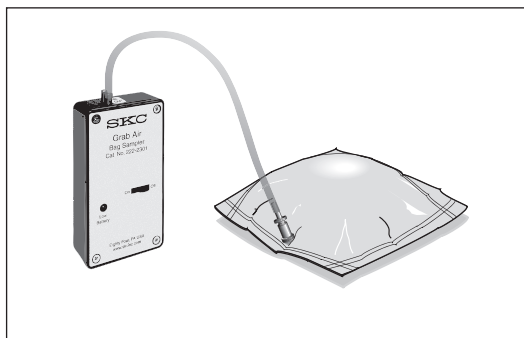
**!** *Protect sample pump from weather when in use outdoors.*

**!** *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.

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

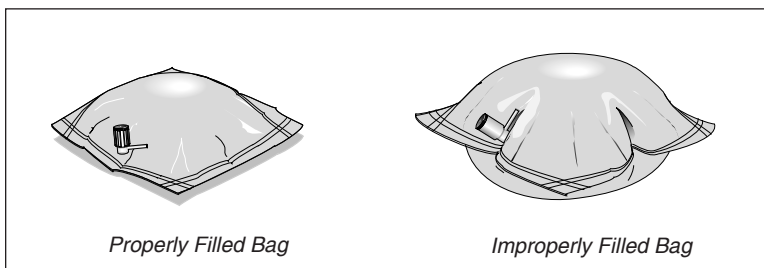


**!** *Protect sample pump from weather when in use outdoors.*

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

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

4. Sample until the bag is filled properly.



5. Slide the pump 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 the tubing from the inlet at an angle.***



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

**SKC Limited Warranty and Return Policy**

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