



Operating Instructions
Grab Air Sample Pump
Catalog No. 222-2301

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

Form #40098 Rev 1005

Description

The Grab Air Sample Pump is a handheld battery-operated sample pump designed to fill bags at 1 L/min efficiently and reliably. A simple "turn on and sample" pump, Grab Air operates on a disposable 9-volt battery. An LED indicates low battery. The Grab Air Sample Pump is recommended for sample bags with a capacity up to 10 liters.



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

Performance Profile

Flow Rate:Approx. 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



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.



Before use, 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).*



Grab Air bag sampling train



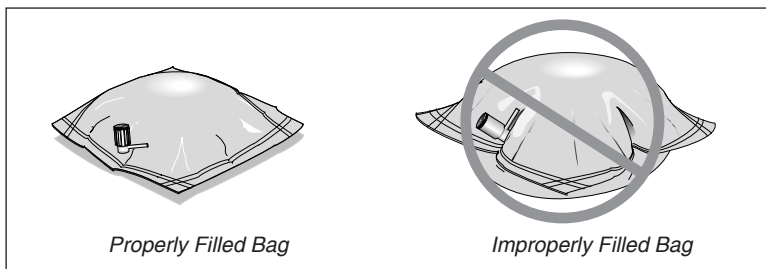
Protect sample pump from weather when in use outdoors.

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.



Properly Filled Bag

Improperly Filled Bag

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

6. Disconnect the tubing, 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.



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 <http://www.skcinc.com/warranty.asp>.

www.skcinc.com