

Operating Instructions

Deluxe All-in-One Bag Sampling Chamber



This deluxe all-in-one bag sampling chamber features a fully integrated battery powered pump, automatic shut-off function that prevents overfilling and an easy to use control panel.

Features:

- Fills bag without sample air passing through the pump.
- Automatic Shut-Off switch prevents bag overfill.
- Clear chamber lid allows easy viewing.
- Purge function makes flushing bags easy.
- Collect up to 100 samples on a full battery charge.
- Designed for 0.5 and 1.0 Liter Bags.

Distributed By:



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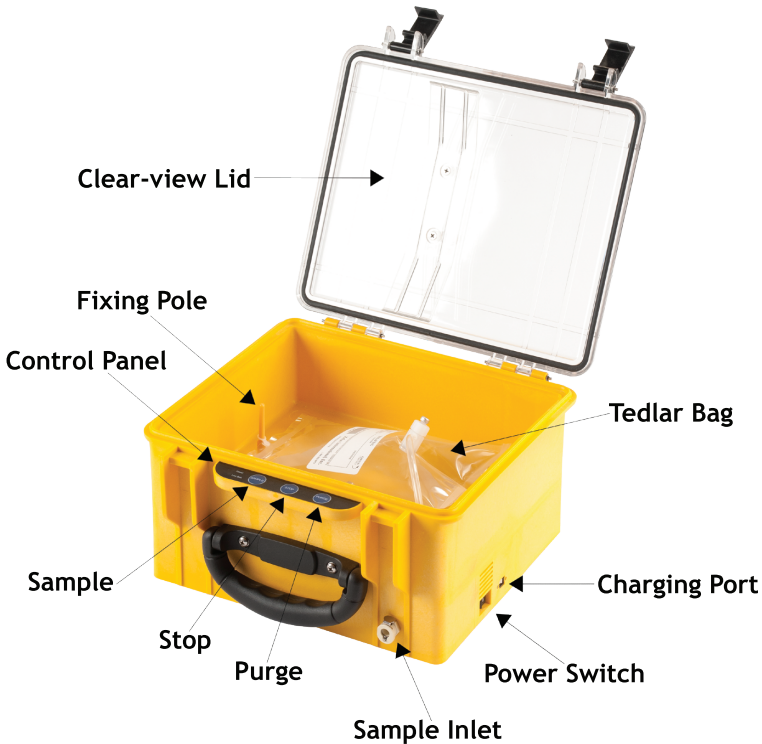
PRODUCT SPECIFICATIONS

Bag Capacity:	0.5 to 1.0 Liter
Sample Inlet:	Quick Disconnect with 1/8" OD and 1/4" OD Tubing
Pressure:	100 psi (7 bar) Max
Battery:	12V, 1500mAh LiFePO4
Battery Charger Input:	100-240 VAC, 50/60Hz, 0.3A
Battery Charger Output:	15V DC, 1A
Dimensions:	13" L x 12" W x 7" H
Weight:	8.5 lbs

INCLUDED ACCESSORIES

- Tubing Sample Inlet, with Quick Disconnect, 1/8" OD x 12"
- Tubing Sample Inlet Extension, with Hose Barb 1/4" OD x 24"
- Battery Charger, 100-240 VAC Input

SAMPLING CHAMBER OVERVIEW



TAKING A SAMPLE

1. Setup the bag sampling chamber near the location to be sampled.
2. Connect the sample inlet tubing to the sample inlet port.
3. Power on the sampler by turning on the POWER switch.
4. Open lid of chamber.
5. Place sampling bag in chamber and secure the bag eyelet to the fixing pole.
(Note: only Zefon brand bags are designed with eyelets in the precise location for use with this chamber)
6. Connect fitting on bag to the tubing connection inside the chamber.
7. Open the valve on the sampling bag
8. Close the sampling chamber and secure the latches down to create an air-tight fit.
9. Press the SAMPLE button to start sampling.
10. Sampling will continue until the bag is filled to a safe level that prevents over-filling and then stop automatically.
11. Open the lid immediately after sampling stops and close the valve on the bag.
12. Remove bag from chamber.

PURGING THE SAMPLE INLET TUBING

1. To purge the sample inlet tubing, turn on the chamber POWER switch.
2. Connect the sample inlet tubing.
3. Connect a source of purified air or nitrogen (optional step, depending on needs)
4. Press the SAMPLE button and let the pump run for 30 seconds.
5. Press the STOP button.

FLUSHING A BAG

1. To flush a bag, connect the sample inlet tubing to the sample inlet port.
2. Connect the other end of the sample inlet tubing to a source of purified air or nitrogen.
3. Power on the sampler by turning on the POWER switch.
4. Open lid of chamber.
5. Place sampling bag in chamber and secure the bag eyelet to the fixing pole.
6. Connect fitting on bag to the tubing connection inside the chamber.
7. Open the valve on the sampling bag
8. Close the sampling chamber and secure the latches down to create an air-tight fit.
9. Press the SAMPLE button to start sampling.
10. Sampling will continue until the bag is filled to a safe level that prevents over-filling and then stop automatically.
11. When the sampler has stopped, disconnect the source of purified air or nitrogen from the sample inlet.
12. Then press the PURGE button on the sampler. Sampler will continue to run until STOP is pressed.
13. When the bag is empty, press STOP.
14. Repeat as necessary.

WARNING

DO NOT use in flammable or explosive environments.

WARRANTY

Zefon International warrants this product for a period of one (1) year from date of purchase. Zefon will without charge repair or replace, at its option, the defective product or component parts upon delivery to its repair facility.

This limited warranty covers defects in workmanship and material. It does not apply to:

1. Product damage by accident or weather related circumstances
2. Misuse or abuse of product as a result of unauthorized repairs or alterations
3. Lack of proper care and maintenance
4. Failure to follow instructions
5. Items that need to be replaced as a result of normal use (e.g. batteries).

If it should become necessary to return the product for service, please call Zefon at +1 (352)-854-8080 for a return authorization number and return instructions. The sender is responsible for shipping charges, freight, insurance and proper packaging to prevent damage in transit. A return authorization number must be issued prior to shipment and must be marked on your shipment.

Disclaimer

Zefon shall not be liable for direct, indirect, consequential, incidental or other damages resulting from the sale or use of any goods including lack of use due to equipment failure. Zefon's total liability shall be limited to repair or replacement of the product.

Zefon assumes no responsibility whatsoever to any party whatsoever for any property damage, personal injury or death received by or resulting from, in whole or in part, the improper use or storage of this product by the user, person, firm, entity, corporation or party not adhering to the instructions and warnings in this manual.

Available Accessories

Description	Product #
Tedlar Bag, 0.5 Liter, with PP fitting	EG-PP-05
Tedlar Bag, 1 Liter, with PP fitting	EG-PP-1

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