



GUTH LABORATORIES, INC.

590 North 67th Street • Harrisburg, PA 17111- 4511

Model AFT-C Sample Delivery Air Pump

User Manual



MADE IN THE
USA

www.guthlabs.com

Thank you for purchasing the GUTH Model AFT-C sample delivery air pump. As with all GUTH products the Model AFT-C pump has been engineered using the highest quality components to give reliable, accurate, and trouble free operation.

SPECIFICATIONS

Pump Flow Rate(liters per minute): Adjustable by .5 lpm increments from 5.5 to 10 lpm.

Pump Activation Time(seconds): Adjustable by .1 second increments from 1 to 30 seconds.

Activation Count: Activation count from 1 to 999 cycles.

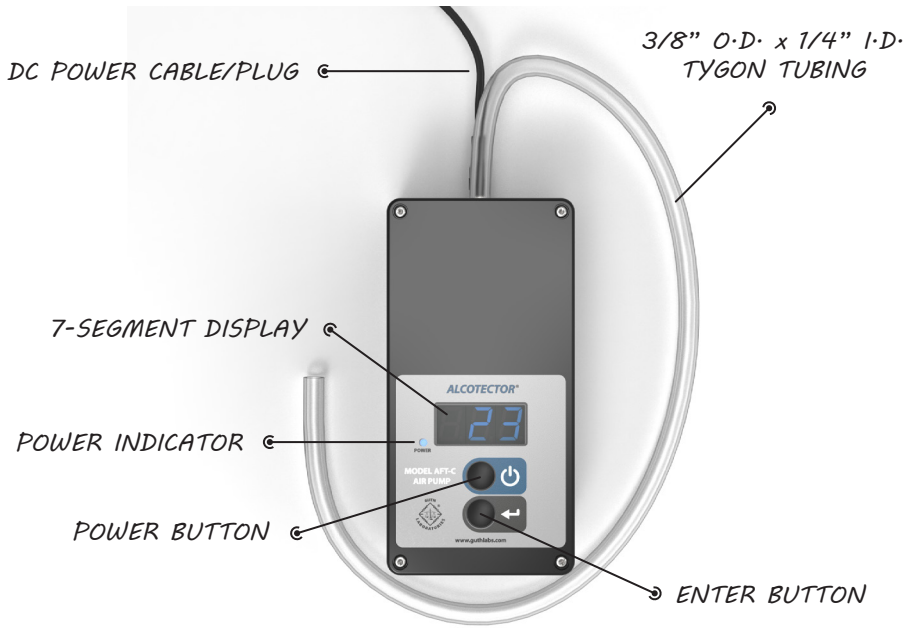
Inhibit Count: Adjustable from 1 to 999 cycles.

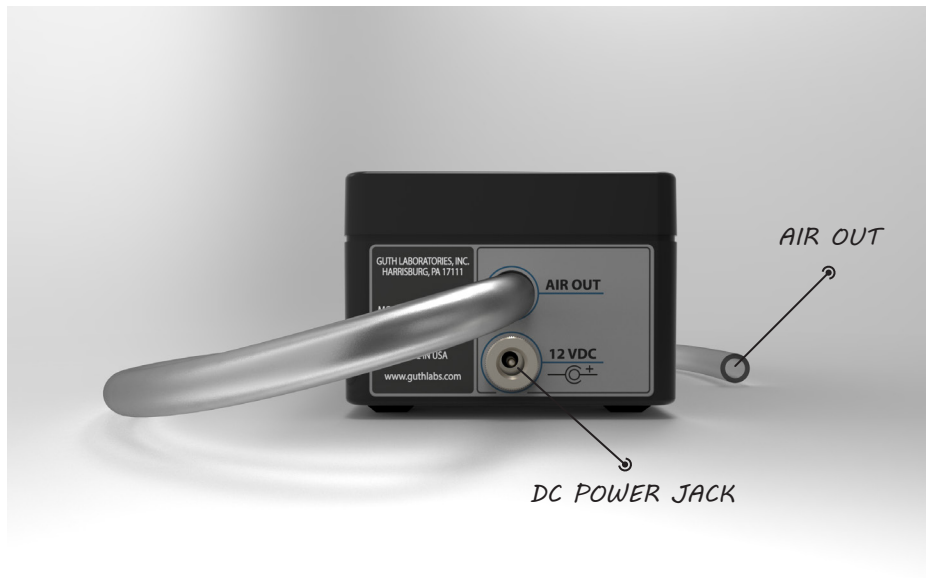
Power: Supplied with a Wall Plug-In switching mode power supply.

Input: 100-240V, 50/60Hz 0.5A Max; **Output:** 13.5 VDC, 1.33A; **Input connector:** NEMA 1-15 ETL: 4002961 conforms to UL STD: 60950-1. Certified to CSA.STD C22.2 No. 60950-1 Class II, Double Insulated* EMI standard: FCC part 15 class B. Over voltage and short circuit protected.
- Optional Multi Country power supply available.

Output Tubing: Tygon S3TM B-44-4X, I.D. 1/4", O.D. 3/8", 24" Length.

Environmental Conditions: Ambient temperature range of 0°C to 40°C.







OPERATION

1. Turn the pump on by a momentary press of the POWER button.
2. To activate the pump press the ENTER button.
3. Turn the pump off by pressing and holding the POWER button until the display goes blank(2 sec.) then release the POWER button.

MENU OPTIONS

Adjustments can be made to the pump by entering the menu. From the powered off state, the menu can be accessed by pressing and holding the ENTER button while simultaneously pressing the POWER button. There are 4 menu options.

1. **CLr** - Clear the pump activation count to zero.
2. **tmE** - Adjust the pump activation time.
3. **FLo** - Adjust the flow rate of the pump.
4. **InH** - Inhibit pump operation after a certain number of test. Requires pump count to be cleared to resume operation.

Pressing the POWER button momentarily will cycle through the menu items.

Pressing the POWER button after InH will EXIT the menu and return the pump to normal operation.

Pressing the ENTER button will access the sub-menu of the active menu item.

SUB-MENU'S

- **CLr** - After pressing the ENTER button “YES” will be displayed. Pressing the POWER button will cycle the display between “YES” and “NO”. Selection can be made by pressing the ENTER button.
- **tmE** - After pressing the ENTER button the current pump activation time will be displayed. The time can be adjusted UP by pressing the POWER button. The time can be adjusted DOWN by first pressing the ENTER button momentarily and then pressing the POWER button. Once the desired time is displayed pressing the ENTER button for 2 seconds will save the updated activation time. The time is adjustable from 1 to 30 seconds at .1 second intervals.

- **FLo** - After pressing the ENTER button the current flow rate will be displayed. The flow rate can be adjusted UP by pressing the POWER button. The flow rate can be adjusted DOWN by first pressing the ENTER button momentarily and then pressing the POWER button. Once the desired flow rate is displayed pressing the ENTER button for 2 seconds will save the updated flow rate. The flow rate is adjustable from 5.5 lpm to 10 lpm in .5 lpm intervals.
- **InH** - After pressing the ENTER button the current inhibit count will be displayed. The inhibit count can be adjusted UP by pressing the POWER button. The inhibit count can be adjusted DOWN by first pressing the ENTER button momentarily and then pressing the POWER button. Once the desired inhibit count is displayed pressing the ENTER button for 2 seconds will save the updated inhibit count. The inhibit count is adjustable from 1 to 999.

OPTIONAL SURE-LOC FITTINGS

1/4" FLOW

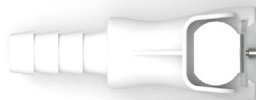


GU-1151-SF



GU-1152-SM

1/8" FLOW



GU-1153-SF



CMI-410113

NOTE: All fittings have a 1/4" hose barb.

WARRANTY REGISTRATION



Please register your product by scanning the QR-CODE or by visiting <https://guthlabs.com/register-your-product/>.

WARRANTY

Simulator pumps manufactured by GUTH LABORATORIES, INC. are guaranteed to be free from defects in workmanship and material for a period of one year from the date of purchase. GUTH LABORATORIES, INC. will repair or replace, at its option, any unit becoming defective within that period, except when such defects result from obvious abuse or improper use of the instrument.

This warranty by GUTH LABORATORIES, INC. is subject to the following conditions.

GUTH LABORATORIES, INC.:

- A) Reserves the right to determine whether failure is or is not covered by the warranty.
- B) Will not honor any obligations, expressed or implied, except as so stated above.
- C) Is not liable for any inconvenience, loss of use, or consequential damages resulting from service requirements.
- D) Will not honor service by any unauthorized agencies or modifications by user.

RETURN INFORMATION



To return a product for service or repair please scan the QR-CODE or visit <https://guthlabs.com/rma/>.

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