



GAST Pump Quick Guide

WARNING: Pump surfaces can become very hot during operation. Do not touch these surfaces until unit has been shut off and allowed to cool.

This guide is meant to instruct in the basic use of the GAS-T Pump provided. If you need assistance in handling and using AGAR plates, please see the enclosed General Microbial Sampling Procedures.



Setup:

- Position pump in area to be sampled, ensuring it is within reach of electrical outlet.
- Plug pump into electrical outlet and allow one and a half minutes to warm up.
- Attach tubing to brass barb at bottom of pump.
- If sampling is to be done in the breathing zone, set up tripod to hold media.
- This pump has been pre-calibrated to your requested flow rate. SGS Galson does not provide calibration equipment for this style of pump.

Sampling:

- Attach media to be sampled on to the far end of tubing.
- Place on tripod or in area to be sampled, and turn on pump.
- Enter start time on Field Pump Data Sheet provided with the calibration packet.
- When sampling is completed, turn pump off replace nibs if using a cassette or return AGAR plate to plate and cover. Enter time off in the Field Pump data Sheet.
- Return used and unused media to SGS Galson Laboratories.

Asbestos Clearance Sampling



When sampling for Asbestos in this fashion, it is recommended that you ground your cassette to remove the possibility of static during your sampling event. SGS Galson has provided a clamp and a stripped grounding wire for this use (**both must return to SGS**).

Set Up:

Simply place the cassette inside the clamp and with the provided tool, tighten the clamp until secure around the cassette. Slide one stripped end of the wire under the clamp (as shown above) and attach the other end to your chosen ground source.

Clean Up:

When complete be sure to turn off the pump first, then loosen the clamp and remove the wire. Close your cassette to secure your sample and place both the clamp and wire back in the original packaging.

Shipping:

When shipping your samples back to SGS Galson, **DO NOT UTILIZE PACKING FOAM**. Foam such as packing peanuts could cause static during shipping and effect your sample.