

Mini-Can Air Sampling Operating Instructions

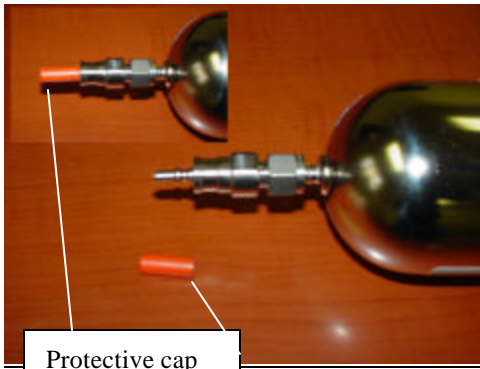


Fig 1: Can with cap

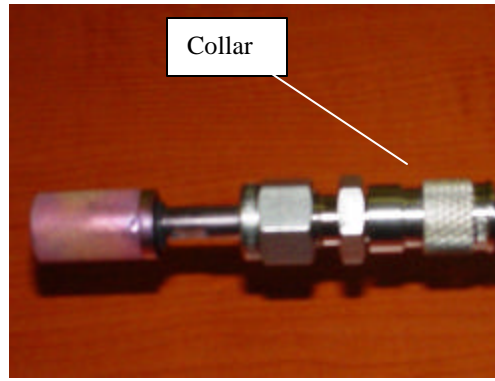


Fig 2: Grab Regulator

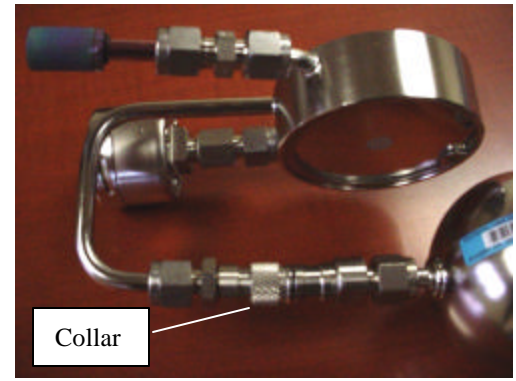


Fig 3: Time Regulator w/ Can

Principle of Operation

The CS1200P is a high purity flow regulation system used to fill the canisters at a constant rate from vacuum pressure. The whole air-sampling unit consists of 2 parts; the 400cc can (fig 1) and a regulator (figure 2 or 3). The cans are under vacuum no power is required to run your sampling.

****NOTE****- When sampling the area or personal **should not** be wearing any perfumes or colognes. This is whole air sampling, what you wear will become part of the sample such as isopropyl alcohol.

Depending on the type of sampling you have requested the following procedures are used:

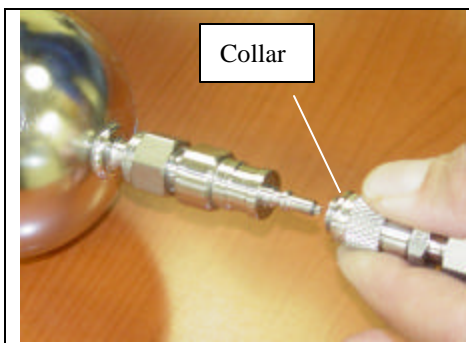


Fig 4: Quick Grab Sampling

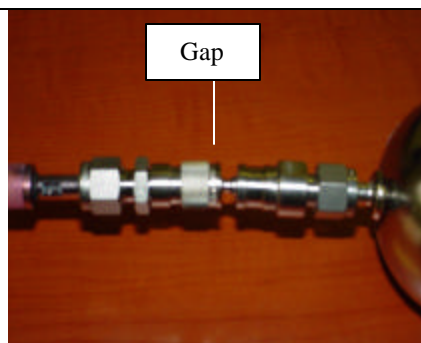


Fig 5: Incorrect Assembly

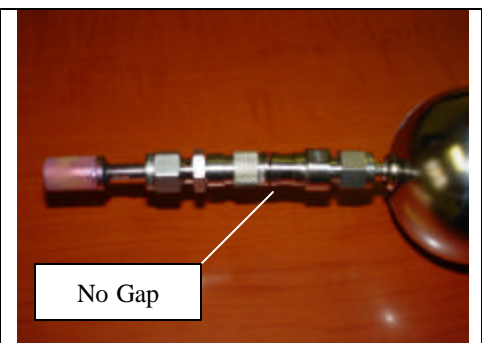


Fig 5: Correct Assembly

Quick Grab Sampling:

Equipment: 1) 400cc can (figure 1)
2) Quick grab regulator (figure 2)

- Remove protective cap from the can
- Hold quick grab regulator (figure 2) in one hand and slide the collar back.
- Hold can in other and face sampler tip into regulator (figure 4)
- Insert sampler tip into regulator and release collar. There should be **no gap** between the regulator and the can. (figure 5)
- You will immediately start to sample the area; you may hear a vacuum being pulled.
- Point to the source of odor and sample. The can should only take 20-30 seconds to fill.
- When done pull back on the collar of the regulator and slide the can out.
- Put protective cap back on sampler tip.
- Ship back to Centek Laboratories, LLC.

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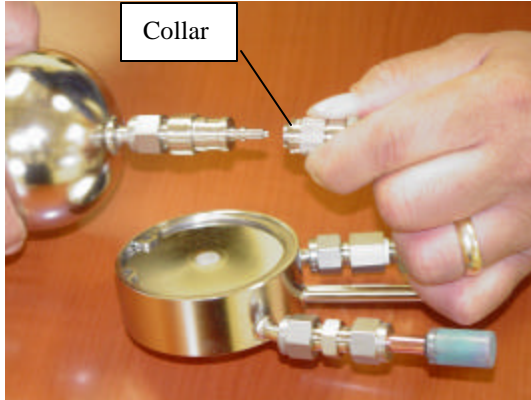


Fig 6: Time Release Sampling



Fig 7: Personal sampling belt

Time Released Sampling

Equipment: 1) 400cc can (figure 1)
 2) Time released regulator (figure 3)
 3) Sampling unit belt if being used as a personal sampler (figure 7)

- Remove protective cap from the can
- Hold the CS1200P regulator in one hand and slide back collar (figure 3)
- Hold can in other and face sampler tip into regulator (figure 6)
- Insert sampler tip into regulator and release collar. There should be **no gap** between the regulator and the can. (figure 5)
- Sampler will automatically start without power. You will see a decrease in vacuum located on vacuum gauge of the regulator over a period of time.
- **If using sampler as a stationary unit:**
 1. Place unit on its side
 2. Check vacuum gauge periodically for loss in vacuum (starts @ -30"Hg / ends @ approx -1-5"Hg)
- **If using sampler as a personal unit:**
 1. Place sampler in holster belt.(figure 7)
 2. Clip belt around waste
 3. Pin sampling tube to your collar (**remember no perfume or colognes should be worn)
 4. Check vacuum gauge periodically for loss in vacuum (starts @ -30"Hg / ends @ approx -1-5"Hg)
- When done pull back on the collar of the regulator and slide the can out.
- Put protective cap back on sampler tip.
- Ship back to Centek Laboratories, LLC.