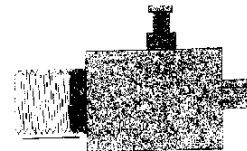


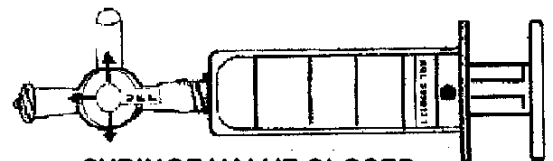
# AQL TEST KIT

The low pressure compressed air AQL TEST KIT, rental sampling version, contents and summary procedures are as follows: Detailed sampling instructions are attached. **DO NOT USE THIS KIT AT PRESSURES EXCEEDING 25 PSI**

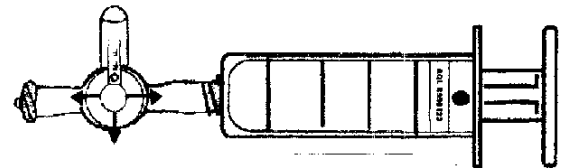
- 1 Sampling block with 1/4" NPT for connection to 1/4" NPT air line
  - Purge compressor and air line
  - Connect sampling block to fill line
- 2 20 mL syringes with 3-way valve for collection of your air source gases, syringe ID begins with "S"
  - Connect closed syringe onto top block sample port
  - Open line valve, set pressure to 25 psi or less
  - Open 3-way syringe valve
  - Slowly pull back on the syringe plunger to the red stop mark
  - Purge syringe 2 times by pushing plunger in
  - Slowly pull back on the syringe plunger a final time to obtain air sample
  - Close 3-way syringe valve
  - Remove syringe from sampling block



BLOCK



SYRINGE VALVE CLOSED

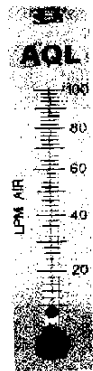


SYRINGE VALVE OPEN

- 1 Flowmeter with fitting for measuring sample flow through filter cassette
- 2 Filter Cassettes for condensed oil sampling, includes caps on both ends
  - Remove caps from filter
  - Connect intake side of filter with white fitting to side block sampling port (1/4 turn)
  - Connect flowmeter into other side of filter keeping flowmeter in vertical position
  - Open line valve and set pressure to 25 psi or less
  - Read flowmeter at eye level
  - Begin timing test. Filter minimum 500 liters of air. This will be 6 minutes at 25 psi (88 LPM), 8 min. at 15 psi (66 LPM) and 10 min. at 10 psi (55 LPM)
  - When finished close line valve and disconnect filter & flowmeter
  - Replace caps on filter ends
  - Record LPM, minutes filtered, and other info on data record
  - Send filter cassette and syringe to AQL for testing



CASSETTE



Flowmeter

NOTE: This rental kit is provided for sampling one or two source samples. Only one 20 mL syringe and one filter cassette are required per sample. An extra syringe and filter cassette may be included as sample media back-up. **RETURN ALL MATERIALS.**

CALL AQL – (630) 830-4018 WITH ANY QUESTIONS