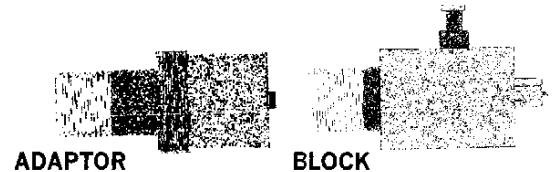


AQL TEST KIT

The medium 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 & ADAPTORS AT PRESSURES EXCEEDING 500 PSI**

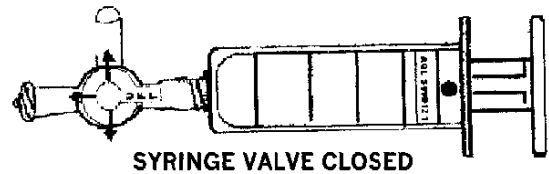
- 1 Sampling block with CGA 346/347 to 1/4" NPT adaptor for connection to 1/4" NPT air line

- Purge compressor and air line
- Connect sampling block & adaptor to fill line

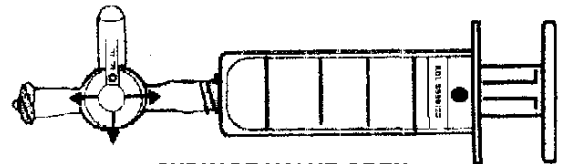


- 2 20 mL syringes with 3-way valve for collection of your air source gases, syringe ID begins with "S"

- Connect closed syringe onto top block sample port
- Open line valve, set pressure to 50 - 75 psi
- Open 3-way syringe valve
- Increase pressure to 100 psi
- Syringe will open at 80 - 90 psi
- Purge syringe 2 times by pushing plunger in
- If possible, Increase pressure to 150 psi (DON'T EXCEED 150 PSI)
- Immediately close 3-way syringe valve
- Remove syringe from sampling block



SYRINGE VALVE CLOSED



SYRINGE VALVE OPEN

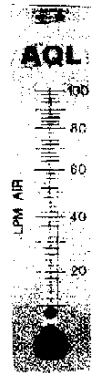
- 1 Flowmeter with fitting for measuring sample flow through filter cassette

- 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 increase pressure until an optimum flow of 50 LPM is maintained on flowmeter. This will be about 300 psi. 200 psi = 30 LPM & 100 psi = 24 LPM
- Read flowmeter at eye level
- Begin timing test. Filter 400 - 500 liters of air. This will be 10 minutes at 300 psi, 15 min. at 200 psi and about 20 min. at 100 psi (24 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

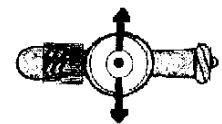


CASSETTE



FLOWMETER

- 1 Port Valve for closing top sampling port during cassette sampling at 50 or 100 psi to increase flow. See Specific Instructions.



PORT VALVE - OFF

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. Document on a separate Data Record the ID number for the syringe and filter and other sample information for each sample. **RETURN ALL MATERIALS.**

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