

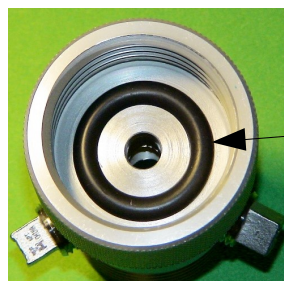
Pressure Monitor Set on Q-Tube™-35mL

1. Install the black Simriz O-ring (4) into a channel on Port-Adapter (8) (figure 1)
2. Add reactant(s), reagent(s), solvent(s) and a stir bar into Pressure Tube (2)
3. Place Pressure Tube (2) into Sleeve (1), hand tighten the Port-Adapter (8) onto Sleeve (1)
4. Place a septa-35 (10) (Blue PTFE side faces down) onto Port-Adapter (8)
5. Hand tight the Cap (5) (with pressure adapter) onto Port-Adapter (8)
6. Insert the Needle Adapter (6) (with a needle on) into Pressure Adapter (7), turn Locking pin clockwise to engage into Locking slot.
7. **PLACE A SAFETY SHIELD** in front of the reactor
8. If you apply microwave reference condition onto Q-tube, you shall set the temperature 20-40 degree higher than MW reference and add extra 8 - 20 min reaction time.
9. After a reaction completes, cool it down to solvent boiling point or below, **Push Needle Adapter(6) down** to release the pressure

Notes:

- Solvent and temperature will affect max. holding pressure
- For better seal, wrap the threads on pressure gauge with PTFE tape when replacing pressure gauge

- Caution: 1. Avoid to disassemble any fittings except replacing pressure gauge.**
2. No Teflon tape shall be used on any Swagelok fittings.
3. Tightening Swagelok fittings with wrench ¼ (one quarter) turn only if reassembling



Simriz O-Ring (4)

Figure 1

