

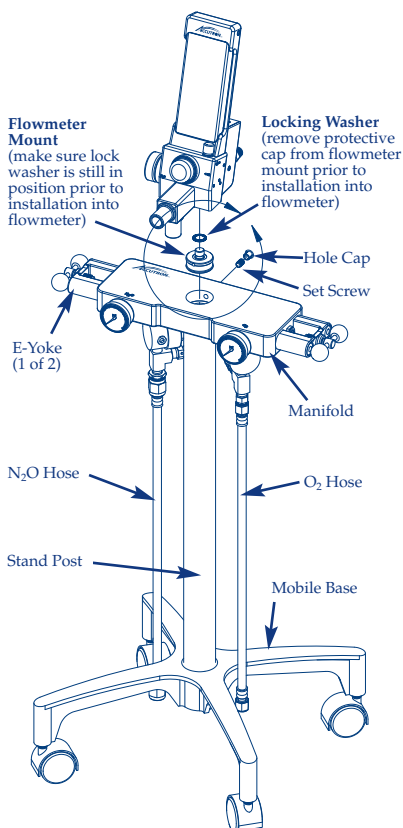
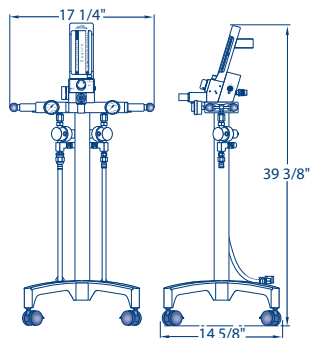
PC UPRIGHT 2-CYLINDER PORTABLE



2-CYLINDER PORTABLE SYSTEM ASSEMBLY

Identify the following components in the 2-cylinder portable system package:

- Flowmeter
- Portable Manifold (with DISS Hoses and mobile stand attached)
- E Cylinder Wrench (with chain attached)



1. Mount the flowmeter to the portable manifold:
 - a. Remove hole cap from the upper hole (use sharp edge knife or screwdriver) at rear of manifold and release set screw (use 5/32" Allen Wrench) enough to remove flowmeter mount.
 - b. Remove protective cap from threads of mount and remove from manifold. Thread flowmeter mount into hole on the bottom of manifold by hand and tighten firmly using 5/32" Allen Wrench placed in hole on side of flowmeter mount.
 - c. Place flowmeter on manifold with mount in pocket.
 - d. Tighten set screw firmly from rear while keeping flowmeter oriented toward front of manifold.
 - e. Place hole cap into hole behind the set screw and push it all way in.
2. Attach the hoses to the flowmeter:
 - a. Run the nitrous oxide hose under the manifold and attach it to the nitrous oxide DISS fitting located on the back of the flowmeter.
 - b. Run the oxygen hose under the manifold and attach it to the oxygen DISS fitting located on the back of the flowmeter.

Note: To avoid gas leaks, make certain all hose attachments are securely tightened.

3. Connect the gas cylinders to the manifold's "E" yokes:
 - a. Connect the nitrous oxide gas cylinders to the "E" yoke on the N₂O side
 - b. Connect the oxygen gas cylinders to the "E" yoke on the O₂ side.
 - c. It is recommended to use new gasket every time tank is replaced or removed.
4. (Keep wrench in handy location. It is used to open and close tanks).
 - a. Open both gas cylinders and turn off flowmeter.
 - b. Check hose connections for leaks using soap solution.
 - c. Tighten fittings as needed to stop leaks.
5. Verify flowmeter operations.

Note: See page 23 for attaching rubber goods, including scavenging circuit.