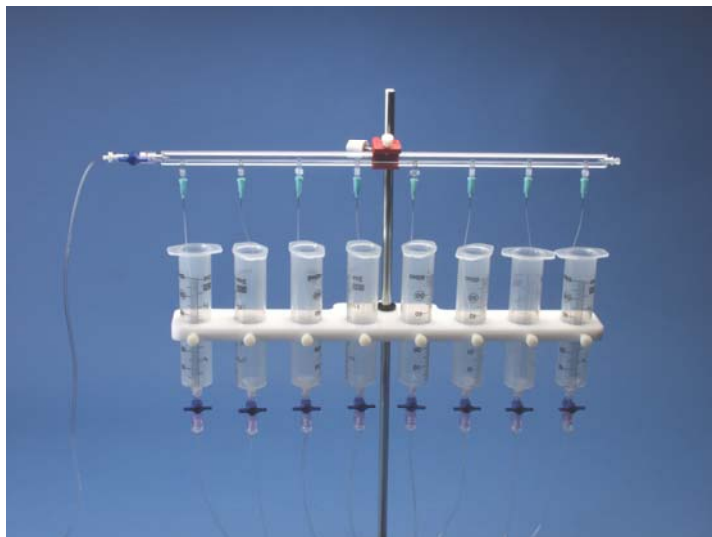


The **GBM Gas Bubbler Manifolds** are designed to deliver water soluble gases to syringe reservoirs mounted in Warner's syringe holders.

Manifolds come in two sizes to accommodate both 10 and 60 CC syringes. Luer fittings on all inlet and outlet ports make these manifolds easy to assemble and use.

Assembly

The **GBM Bubbler** is supplied with a support stand clamp, Tygon® tubing, PE-50 tubing, a stopcock for the gas inlet port, and blunt end needles and Luer plugs for all gas outlet ports.



Assembly is straightforward; The unit is factory shipped with the gas inlet port, blunt end needles with PE-50 tubing, and support stand clamp already assembled.

All that is needed to begin using this apparatus is to mount the **GBM Bubbler** to a support stand, attach a gas supply to the inlet stopcock, insert the PE-tubings into the syringe reservoirs, and begin flowing gas. If using less than the full complement of output ports, then remove the PE-50 tubings from the manifold by detaching the relevant blunt end syringes and replacing with female Luer plugs.

NOTE: Take care to not over-pressurize the gas inlet port. Regulate your gas supply to no more than 5 PSI. (2-3 PSI is sufficient for normal operation.)

Specifications

Model	GBM10 (64-1587)	GBM60 (64-1588)
Syringe capacity	10 cc	60 cc
Manifold Body (D x L)	13 x 267 mm	13 x 419 mm
Outlet Ports	8	8
Port spacing	13 mm, center to center	54 mm, center to center