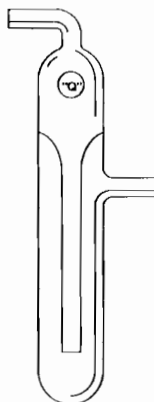


BUBBLERS

QB-1145 BUBBLER MINERAL OIL

Used as a vent to the atmosphere. Reservoir prevents draw back into the system.

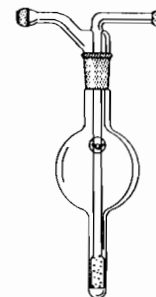
Code
-110



QB-1160 BUBBLER AIR SAMPLING, WITH FRITTED CYLINDER

The joints on the outer tube and inlet are 24/40. The inlet arms have 12/5 joints. The 20ml lower tube is 100mm long. The fritted tip has a coarse porosity. Interchangeable design.

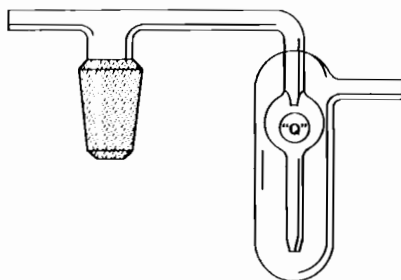
| Item | Code |
|-----------------|------|
| Complete | -110 |
| Outer Tube Only | -111 |
| Inlet Only | -112 |



QB-1148 BUBBLER HORIZONTAL

Design allows for in line connection and prevents draw back into the system.

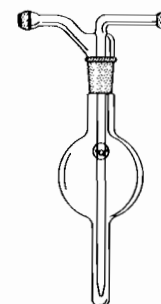
| Joint Size | Code |
|------------|------|
| 24/40 | -110 |
| 29/42 | -111 |



QB-1165 BUBBLER AIR SAMPLING, WITH CAPILLARY TIP

Similar to QB-1160, but with a capillary tip drawn to a 1mm ID. Interchangeable design.

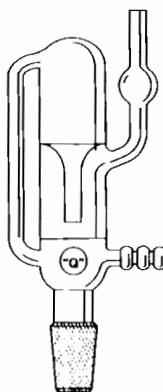
| Item | Code |
|-----------------|------|
| Complete | -110 |
| Outer Tube Only | -111 |
| Inlet Only | -112 |



QB-1150 BUBBLER MODIFIED

Designed for performing reaction under inert atmosphere in a single neck flask. Available in 2 sizes with a 24/40 inner joint. The larger size is for use in vessels above 1000ml.

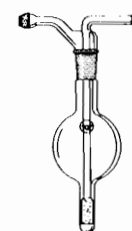
| Height,MM | Code |
|-----------|------|
| 190 | -110 |
| 230 | -111 |



QB-1170 BUBBLER AIR SAMPLING, WITH FRITTED CYLINDER

The joints on the outer tube and inlet are 29/42. The inlet arms have 18/7 joints. There is a shorter lower tube for sampling nitrogen dioxide in concentrations of 0.005 PPM to .5 PPM. The fritted tip has a coarse porosity. Interchangeable design.

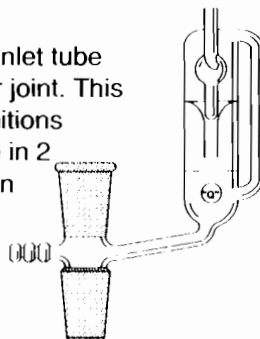
| Item | Code |
|-----------------|------|
| Complete | -110 |
| Outer Tube Only | -111 |
| Inlet Only | -112 |



QB-1155 BUBBLER MODIFIED

Similar to QB-1150 but with the inlet tube between a 24/40 inner and outer joint. This adapter permits sampling or additions through the outer joint. Available in 2 sizes. The larger size is for use in vessels above 1000ml.

| Height,MM | Code |
|-----------|------|
| 190 | -110 |
| 230 | -111 |



QB-1175 BUBBLER AIR SAMPLING, WITH CAPILLARY TIP

Similar to QB-1170, but with a capillary tip drawn to a 1mm ID. Interchangeable design.

| Item | Code |
|-----------------|------|
| Complete | -110 |
| Outer Tube Only | -111 |
| Inlet Only | -112 |

