

# INSTRUCTIONS



## Scienceware® Floating Bubble Rack With Locking Cap

Catalog No. 37084-0008 & 37084-0020

The Scienceware® Floating Bubble Rack allows the user to incubate 8 to 20 1.5ml Microcentrifuge Tubes in a beaker of water. Hold-down disk keeps tube caps closed under internal pressure.

These round floating bubble racks are specially designed for high temperature incubation. The hold-down disk maintains a constant pressure on the tube caps protecting them from opening under internal air expansion. A  $\frac{3}{16}$ " (4.8mm) thick polypropylene disk is centrally mounted on a threaded handle. The racks float while 1.5ml microcentrifuge tubes remain immersed at a constant depth regardless of water level. The TPX (polymethylpentene) rack and polypropylene cover plate and handle are autoclavable. Racks have  $\frac{3}{4}$ " (19mm) long legs.



<u>catalog no.</u>	<u>o.d. mm</u>	<u>places</u>	<u>hole diameter</u> <u>mm</u>	<u>fits beaker</u>
37084-0008	66	8	10.8	400ml
37084-0020	105	20	10.8	1000ml

Scienceware® Bubble Racks float, therefore the depth of immersion is independent of the level of the water in the water bath, as long as the tubes do not touch the bottom. The pressure cap is designed to keep the tube caps closed under internal pressure built-up caused by heating.

### Use as follows:

#### To Fill

1. Place the rack on a bench top.
2. Insert the empty 1.5ml microcentrifuge tubes.
3. Fill tubes.
4. Close caps.
5. Lift the rack slightly using the handle, and push down on the tubes from the top to lock securely in the rack.
6. Place the solid disk on top of the tubes and insert the threaded end of the handle into the threaded hole in the rack. Screw down slightly.
7. Racks will float in a water bath or in a beaker of appropriate size, 400ml beaker for the 8 place rack and 1000ml beaker for the 20 place rack.

#### To Empty

1. Unscrew the handle and remove the disk.
2. Place the filled rack on the bench.
3. Push down on the rack to release tubes.
4. Remove tubes.

## BEL-ART PRODUCTS

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