



Using the Q-Fill

1. Wrap the Q-Fill 1 liter bottle and lid with tubing in foil for autoclaving. Also wrap head to be used in foil for autoclaving. Place autoclave tape on each piece, and autoclave. (Pieces can be autoclaved at same time the media is autoclaved).
2. In the laminar flow hood and using sterile technique, pour media with antibiotic into Q-Fill 1 liter bottle.
3. Screw lid on tightly, avoiding contaminating the ends of the tubes.
4. Attach tube that comes straight up from the top of the lid to the small filter in the back of the Q-BOT. Push all the way onto the filter.
5. Install head, being careful not to contaminate the tips.
6. Attach tube the comes out at a right angle from the top of the lid to the appropriate area on the head.
7. Turn Q-Fill on (back left).
8. Purge the Q-Fill until no bubbles are in the tubing.
9. For 384-well plates, use 60-70 ul of media per well.
10. Set 384-well plate onto the platform so that it is within the edges of the platform.
11. Begin filling plates, checking to see that there are no clogged parts of the head, and that all the wells are receiving approximately the same amount of media. The wells should be about $\frac{3}{4}$ full.
12. When finished, discard the last plate if it has bubbles in it (because it was not fully filled).
13. Pour the rest of the media down the drain, and refill bottle with very hot water.
14. Re-attach bottle to lid, and purge the entire bottle of water through the system. (You will need a container to purge the water into).
15. Turn Q-Fill off, and remove tubing and bottle.
16. Remove head and place in an ethanol solution until ready for use again.